

Badger State

SMOKE SIGNALS

For Radio Amateurs • By Radio Amateurs

Published Monthly Since 1969 • Our 24th Year
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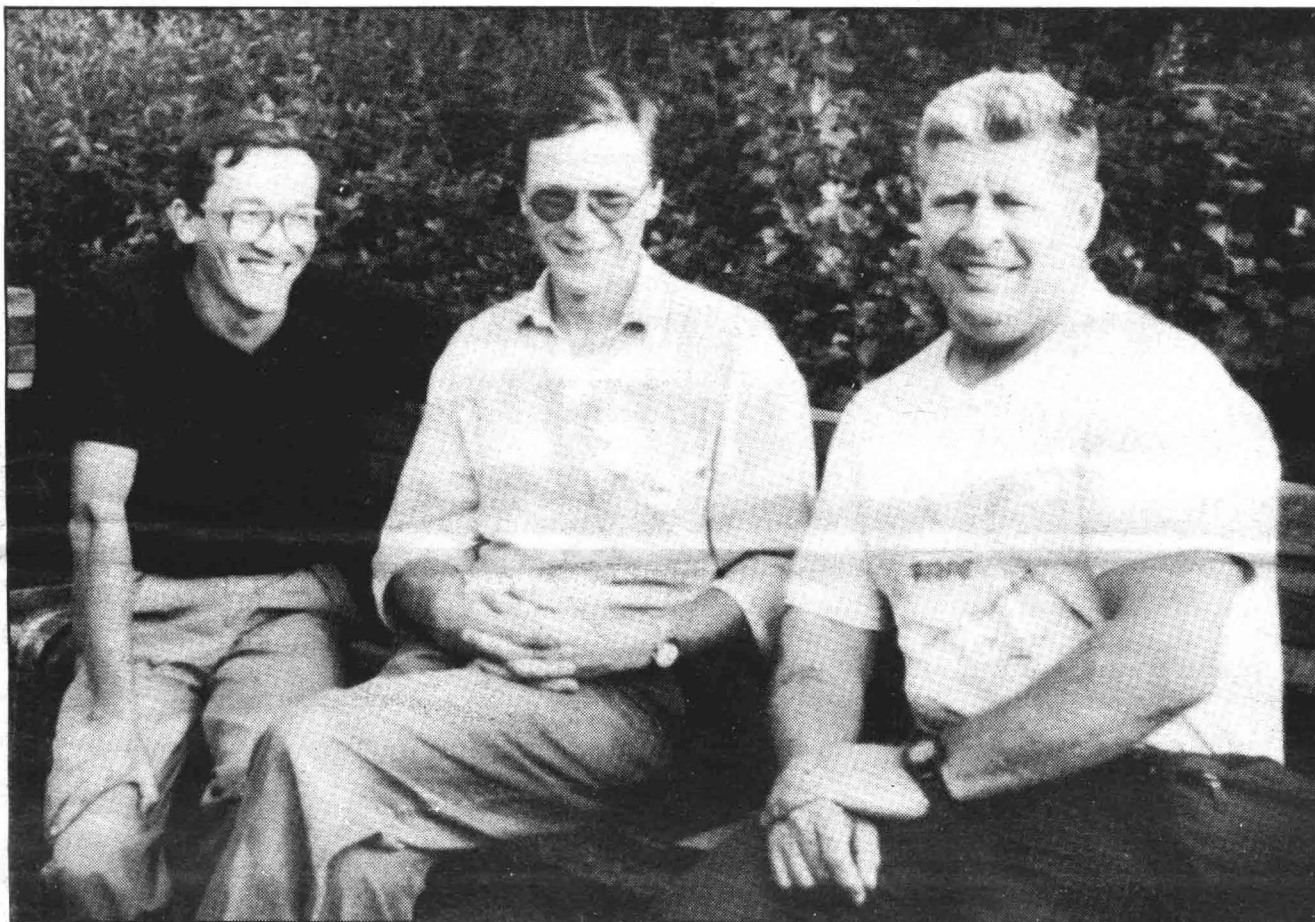
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Vol. 24 No. 6 - 282nd Consecutive Monthly Issue - Baraboo, Wisconsin - June 1993

Person-to-Person Ham Radio Contacts Enjoyable, Rewarding

Racine Amateur Finds People in Former Soviet Union Friendly, Helpful



Amateur Radio exists to, among a number of reasons, further international good will. Larry McCalvy, WA9JMO, of Racine, Wisconsin, is doing his part, not just on the air, but in person. Above, he enjoys a park bench chat in Irkutsk, Siberia, with (at left) Leo Arsentiev, UA0SU, vice-president of the Irkutsk Radio Club, and Serge Sobolev, UA0SR, the club's president. Larry, WA9JMO, is seated at the right. He tells us about Amateur Radio and radio amateurs in the former Soviet Union in a story on page 13 of this issue of Badger State Smoke Signals.

- Photo courtesy Larry McCalvy/WA9JMO

In This Issue

OFFICIAL RESULTS 1993 WISCONSIN QSO PARTY

See Pages 9 Through 12

The Wisconsin QSO Party is Sponsored Annually by the West Allis Radio Amateur Club

ELMER

By Rich Regent, K9GDF



FCC Orders Novice Examinations to be Given Under Volunteer Examiner Program

The FCC has placed Novice class examinations under the Volunteer Examiner Coordinator program.

As with other class amateur license exams, responsibility for both preparation and administration of Novice exams will lie with the VEC system, "in the interest of integrity, simplification and efficiency," the FCC said today.

The Commission also will allow recovery of out-of-pocket costs for coordinating and administering Novice examinations.

The examination elements required for the Novice license are already being administered in the VEC system because they are also requirements for other classes of amateur operator licenses.

The FCC said that placing Novice examinations under the VEC system would avoid confusion caused by having two different systems; result in fewer errors in exam administration and in paperwork (including allowing simplification of the FCC Form 610); and improve the availability of overall data on examinations.

This action, in PR Docket 92-154, was taken May 3. No effective date for implementation was announced.

- ARRL Bulletin ARLB051, 5/6/93

ON THE INSIDE

What's Happening	2
Wisconsin Nets Association	4
Here and There	5
Congressional Resolution Commends Amateurs, Urges Protections	6
FCC Says "Yes" to Special Club, Military Recreation Station Calls	6
High-Altitude Balloon Flight Set for June 12	7
Riverland Amateur Radio Club	14
Racine Megacycle Club	14
Taylor County Area Amateur Radio Club	15
ManCoRad Radio Club	16
Sheboygan County Amateur Radio Club	16
Watts Snoo (Central WI Radio Amateurs)	17
Northern Wisconsin Radio Club	17
Eau Claire Amateur Radio Club	17
The Wisconsin Packeteer	18
Yellow Thunder Amateur Radio Club	19

What's Happening

♦ **Swapfests and Other Social Events** ♦ **Club Meetings** ♦ **Amateur Radio Exam Schedules**

Edited by Kenneth A. Ebner, K9EN • 822 Wauona Trail • Portage, WI 53901

Swapfests and Other Social Events

SUNDAY, JUNE 13, 1993. CWRA Swapfest, University Center, Stevens Point, WI. Contact: Art Wysocki, N9BCA, 3356 April Lane, Stevens Point, WI 54481. (715) 344-2984.

SATURDAY, JULY 10, 1993. South Milwaukee ARC Swapfest, Oak Creek, WI. Contact: SMARC, P.O. Box 102, South Milwaukee, WI. (414) 762-3235 Ext. 58.

SATURDAY, JULY 24, 1993. Eau Claire ARC Swapfest, Chippewa Falls Fairgrounds. Contact: Lis Searing, N9EQR, 1129 McKinley Road, Eau Claire WI 54701. (715) 834-1303.

SATURDAY, AUGUST 14, 1993. Swapfest sponsored by the Northwoods ARC, at Sugarcamp Town Hall, 12 miles north of Rhinelander on Highway 17. VE testing, concessions. Contact: Glen Woods, N9GRF, 6569 Hillcrest Drive, Rhinelander, WI 54501.

SATURDAY, AUGUST 28, 1993. Hobby Electronics Swapmeet, sponsored by the Riverland ARC. Held at the American Legion Activity Building, 731 Sand Lake Road, Onalaska, WI. Admission \$2.00, Tables \$3.00 (picnic type, first come basis.) Contact: Judy Williams, N9LGV, PO Box 621, Onalaska, WI 54650. (608) 783-8028.

SATURDAY & SUNDAY, SEPTEMBER 26 & 27. RADIO EXPO, Lake County, Fairgrounds, Grayslake, IL. Contact: CFMC, PO Box 1532, Evanston, IL 60204.

SUNDAY, OCTOBER 10, 1993. Kettle Moraine Radio Amateurs at the Waukesha County Exposition Center, Waukesha, WI. Contact: KMRA Swapfest, PO Box 411 Waukesha, WI 53187-0411.

SUNDAY, OCTOBER 10, 1993. KMRA Swapfest, Waukesha, WI. Contact: KMRA Swapfest, PO Box 411, Waukesha, WI 53187-0411.

SUNDAY, JANUARY 9, 1994. WARAC 22nd annual

Midwinter Swapfest, Waukesha County Expo Center Forum, Waukesha, WI. Contact: WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201-1072.

See also the back page and flyers ads for addition information about many of the above events.

As a service to our readers, this section of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

Club Meetings



Due to space limitations, we cannot always carry the full listing of Wisconsin and area club meetings. Please see the April 1993 meetings column for the latest complete listing. The following are additions or changes since that listing.

TAYLOR COUNTY AREA AMATEUR RADIO CLUB (TCAARC) MEDFORD

Usually the 1st Thur. of the month at 7:00 PM sharp. Usual location: emergency government meeting room, basement of Sheriff's Annex to Taylor County Courthouse, 2nd and Ogden Sts., Medford, WI. Talk-in on 147.75/15 or 145.27(-600) repeaters. Amateurs & guests are welcome. ARS Net, Wed. nights at 8:30 PM on 147.75/15.

For info contact: Rolland Walty, W9LEE, W4117 Hwy. 102, Westboro, WI 54490. (715) 427-3492

TRI-COUNTY AMATEUR RADIO CLUB

Meetings held at members homes. Usually monthly on Sunday afternoon. Contact: Glenn Eisenbrandt, (414) 563-6502 or John Saterlee, (414) 563-6381.

The Test Point



Amateur Radio Examination Locations and Schedules in the Wisconsin Area

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

June 5, 1993	Racine, WI
June 12, 1993	Appleton, WI
June 12, 1993	Dubuque, IA
June 12, 1993	Madison, WI
June 12, 1993	Oak Creek, WI (SWAT)
June 12, 1993	River Falls, WI *
June 12, 1993	West Allis, WI (MRAC)
June 13, 1993	Stevens Point, WI (CWRA Hamfest)
June 26, 1993	West Allis, WI (MRAC)
June 26, 1993	Tomahawk, WI
July 10, 1993	Madison, WI
July 10, 1993	Marshfield, WI
July 10, 1993	Oak Creek, WI (SWAT)
July 24, 1993	Eau Claire, WI (Eau Claire Swapfest)
July 31, 1993	West Allis, WI (MRAC)
July 31, 1993	Tomahawk, WI
August 9, 1993	Appleton
August 14, 1994	Rhinelander, WI (NWARC Swapfest)
August 14, 1993	Madison, WI
August 14, 1994	River Falls, WI
August 14, 1993	Oak Creek, WI (SWAT)
August 18, 1993	West Allis, WI (MRAC)
August 21, 1993	Dubuque, IA
August 28, 1993	West Allis, WI (MRAC)
August 28, 1993	Tomahawk, WI
September 4, 1993	Racine, WI
September 11, 1993	Madison, WI
September 11, 1993	Marshfield, WI
September 11, 1993	Oak Creek, WI (SWAT)
September 15, 1993	West Allis, WI (MRAC)
September 25, 1993	West Allis, WI (MRAC)
September 25, 1993	Tomahawk, WI
October 2, 1993	Racine, WI
October 9, 1993	Oak Creek, WI (SWAT)
October 9, 1993	Madison, WI
October 9, 1993	River Falls, WI
October 10, 1994	Waukesha, WI (KMRA Swapfest)
October 20, 1993	West Allis, WI (MRAC)
October 30, 1993	West Allis, WI (MRAC)
October 30, 1993	Tomahawk, WI
November 6, 1993	Racine, WI
November 6, 1993	Menomonie, WI
November 7, 1993	Kaukauna, WI (Hamfest)
November 13, 1993	Madison, WI
November 13, 1993	Marshfield, WI
November 13, 1993	Oak Creek, WI (SWAT)
November 17, 1993	Oak Creek, WI (MRAC)
November 20, 1993	Dubuque, IA
November 27, 1993	West Allis, WI (MRAC)
December 1, 1993	Racine, WI
December 4, 1993	Stevens Point, WI
December 11, 1993	Madison, WI
December 11, 1993	River Falls, WI
December 11, 1993	Oak Creek, WI (SWAT)
December 15, 1993	Oak Creek, WI (MRAC)
January 9, 1994	Waukesha, WI (Midwinter Swapfest)

Badger State Smoke Signals

Amateur Radio Education and Information

CHAIRMAN: Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560.

EDITOR: Jim Romelfanger, K9ZZ, 412 1/2 Ash Street, Baraboo, WI 53913. Telephone (608) 356-4031.

TREASURER: Jim Decker, WB9UQT, P.O. Box 337, Baraboo, WI 53913-0337.

CONTRIBUTING AUTHOR: Richard R. Regent, K9GDF, 5003 South 26th Street, Milwaukee, WI 53221.

Subscriptions

1 year	(12 issues)	\$9.75
2 years	(24 issues)	\$18.00
3 years	(36 issues)	\$26.00

Special club package reduced rates are available. For information, contact Ken Ebner, K9EN.

When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1.

The only exception is for participating clubs. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For

example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections should be sent to Ken Ebner.

Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebner.

Swapfest information should be sent to Ken Ebner. Swapfest ads should be sent to Jim Romelfanger.

Subscriptions should be sent, with check or money order, to Jim Decker.

Conditions for Reprinting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. This credit is mandatory, and no material may be printed unless it is given. This newspaper is produced by volunteer Radio Amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

Monthly, 1st Sat. Racine, WI
(except January, July & August)

Monthly, 2nd Sat. Madison, WI

Monthly, 2nd Sat. Milwaukee, WI (MRAC)

Monthly, 3rd Wed. Milwaukee, WI (MRAC)

Monthly, 3rd Sat. Loves Park, IL

Monthly, Last Sat. Milwaukee, WI (MRAC)

(except December)

Monthly, Last Sat. Tomahawk, WI

(January thru October only)

Many Swapfests/Hamfests offer exam sessions. If not shown above contact the sponsoring club in the Swapfest column on page 2.

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

GENERAL RULES

FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Most examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walk-ins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 29¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$5.60 payable to "ARRL/VEC".

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE or CSCE to the VEC. You must also have two good copies of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 610 and most VEC want a copy for their records. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

MILWAUKEE RADIO AMATEURS' CLUB (MRAC/VEC)

THIRD WEDNESDAY DATES: At 6:30 p.m. at Methodist Manor, 3023 S 84th St., West Allis, WI.

LAST SATURDAY DATES (except December): At 7500 West State St., West Allis, WI.

For Additional Information Contact; Jack Krause, (414) 774-6999 or call (414) 466-HAMS (Answering Machine) or write MRAC, 1737 N. 116th St., Wauwatosa, WI 53226.

Bring along your ORIGINAL license or CSCE and two (2) good quality photocopies, plus two forms of identification, such a driver's license, etc. Also required are a pen and \$5.00 (except Novice) for the exam fee. WALK-INS are welcome. To register in advance, use a post card: print the grade of license you are applying for, and your name, address, and telephone number. Send the card to MRAC/VEC, c/o Jack Krause, W9JK, or Les Peterson, W9YCV at the addresses shown above.

BADGER EXAMINERS (BE) - MILWAUKEE

NOTE: CHANGE IN LOCATION.

Unless otherwise noted, examinations are administered beginning at 9:00 a.m. to Noon. at Grafton State Bank, Grafton, WI. Walk-ins are welcome. CW waiver forms are available. Please send a request with an SASE prior to taking an exam, so it is ready when attending the session. To register in advance, send a post card with your name, test or tests you wish to take, date you wish to take., your call sign, address and telephone number to Badger Examiners, Gary J. Sharbuno, WI9M, 5119 W. Willow Rd., Brown Deer, WI 53223. Telephone (414) 355-0237.

OAK CREEK, WI (MRAC/VEC)

SECOND SATURDAY DATES: 1:00 p.m. at Wauwatosa Savings and Loan Branch, 6560 S. 27th St., Oak Creek, WI. (MRAC/VEC fee \$5.00)

Tri-County Swapfest at Jefferson, WI.
(ARRL/VEC fee 5.60)

Contact Norman McNew, KB9QL, (414) 764-5998 or Joe Mettry, AA9DO, (414) 761-9219

MADISON, WI

VE exams are held in Madison every second Saturday morning of the month at 8 a.m. They are held at the operations building of the Madison Metropolitan Sewerage District at 1610 Moorland Rd. To get there take the Beltline (Hwy 12 & 18) to South Towne Drive. Go south 8/10 mile till South Towne Drive makes a bend and becomes Moorland Rd. and enter at gate.

You should bring a picture ID, your original licence and a copy of your licence. For exams beyond the novice tests, bring a check for \$5.60, made out to the ARRL/VEC. If the special 610 form with the medical exemption is required, contact me beforehand to obtain one. No appointments are necessary to take exams. For further questions, please leave a message on the mailbox or phone me at (608) 832-6631.

Mark NZ9B

MARSHFIELD, WISCONSIN

Sponsored by the Marshfield Area ARS. Second Saturday every other month, at St. Joseph Hospital, School of Nursing entrance. Room 124. St. Joseph Ave., Marshfield, WI. Walk-ins. Welcome. Contact Walter Friant, WBOKIN, 2310 Wal-lonnie Dr., Marshfield, WI 54449. (715) 387-3870

RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August.

Monthly exams are given 9:00 to 11:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walk-ins are permitted.

Inquiries and registrations should be directed to William Firchow, Jr., NW9P, 1912 27th Street, Kenosha, WI 53140, telephone (414) 658-8390.

TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct.

Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No preregistration required, but appointment would be appreciated. Registration at 8:30 a.m. and testings starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Greg Garner, WA9W, 4088 Highway 51, Harshaw, WI 54529. Telephone (715) 453-7096.

EAU CLAIRE, WI - SWAPFEST

KAUKAUNA, WI - SWAPFEST

MANITOWOC, WI, LAKESHORE HAMFEST

RACINE, WI - BIG BOY TOY SHOW

RHINELANDER, WI - NWARC SWAPFEST

STEVENS POINT, WI - CWRA SWAPFEST

WAUKESHA, WI - KMRA SWAPFEST

WAUKESHA, WI - MIDWINTER SWAPFEST

See the Swapfest column for additional information and contact persons.

DUBUQUE, IOWA - ARRL/VEC

Amateur examinations will be held on June 12, Aug. 21 and Nov. 20 in 1993.

Great River Amateur Radio Club VEs are now field stocked, which means retests can be given immediately.

Exams are held at 9:00 am at the Central Fire Station, 9th and Central in Dubuque. Use the basement entrance on 9th street. For more info, contact Mike Jozefowicz, NSOU, 2735 Hickory Hill, Dubuque, IA 52001. Or call Mike at 319-582-8563. Talk-ins are on the 147.84/24, 147.63/03 and 146.295/895 repeaters.

Arthur A. Evans, KA9KLZ

213 N Jefferson St.

Cuba City, WI 53807-1558

608-744-2704

APPLETON, WI - ARRL/VEC

MANITOWOC, WI (HAMFEST)

KAUKAUNA, WI (HAMFEST)

Conducted by the Fox Cities ARC VE team. Contact: Larry Siebers, (414) 788-3823

MENOMONIE, WI

The Northern Wisconsin RC will be sponsoring exams from 9:00 to 11:30 a.m. at the UW Stout Communication Center, 820 South Broadway,

Menomone, WI. Use the north entrance. Walk-ins only. Contact Jim Ley, NX9F. Work: (715) 232-1397, Home: (715) 235-3998.

RIVER FALLS, WI

Contact: Chuck Kelly, KA9YRV, (715) 425-2428.

LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (Great Lakes ARC VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact: Paul K. Dean, WB9HCZ, (815) 987-6754.

Out of State Exams

Information Provided
by the ARRL/VEC



All are ARRL/VEC unless otherwise shown. Contact information from ARRL/VEC.

EASTERN IOWA

Cresco, 319-547-5329, Jim Murphy

Des Moines, 515-967-3890, Jim Snapp

Dubuque, 319-582-8563, Mike Jozefowicz

NORTHERN ILLINOIS

Dixon, 815-284-6380, Charles W Randall

Lincoln, 312-465-0981, Michael Leibovitz, WA9EVF

McHenry, 815-678-4276, Jack Hudson

Oak Forest, 708-448-9432, David Brasel

MINNESOTA

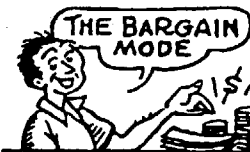
Apple Valley, 612-432-1640, Paul Ramey WGOG

Saint Paul, 612-888-6187, Jerry Jensen

St Paul, 612-222-7253, John Bellows

St Paul Park, 612-459-8678, David Harrell

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules. Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN at the address shown on page 2.



SSB

SELL SWAP BUY

OUR WANT ADS GET RESULTS

FOR SALE: Astron 20, ICOM IC-745 hf xcvr, 16 mem, VPT, General coverage receiver, HM12 mic, 5-band hf vert AV3, 65RV by KE8OM. Package \$700.00 (will split). Dean, KQOL, 631 10th Ct., Onalaska, WI 54650.

WANTED: Please help me find a nice NC-303 or 75A-2 Receiver. I am also interested in matching speakers. Joe Eide, KB9R, 2623 Clare St., Eau Claire, WI 54703. (715) 834-4582.

WN2SQC - Civil War Information

Those of us who remember our high school history recall what was taught regarding the end of the Civil War. Remember, in many parts of the country where the sun shines regularly this was called the war between the states.

Well friend, the end of the Civil War was actually this way. After chasing the Union Army all over the south, the exhausted Confederates pulled up to Appomattox, planning to wipe out the Yankees, march into Washington and raise the Stars and Bars over the White House.

Now General Lee was resting in the Appomattox Courthouse when in walked General Grant ready to surrender. General Lee took the unimpressive Union General for an orderly and gave him his sword to polish. Astonished, Grant took the sword thinking General Lee had surrendered.

Not wanting to embarrass General Grant for making such an obvious blunder, Lee let the incident pass without comment. So there you have it! The history books are all wrong.
from WN2SQC

Wisconsin Nets Association Ltd.

Rob Hummel, WA9ZTY, Secretary • 202 Midvale Drive • Marshall, WI 53559

Section Manager's Notes



Richard R. Regent, K9GDF
5003 South 26th Street
Milwaukee, WI 53221

July 10th South Milwaukee ARC Swapfest in Oak Creek, look for me at the League table.

July 24 Eau Claire ARC Hamfest, Chippewa County Fairgrounds in Chippewa Falls, N9EQR for info.

Exams: July 10 Marshfield, Madison and Oak Creek; July 21 Milwaukee; July 23 and 24 Eau Claire; July 31st West Allis and Tomahawk. N9MEH and N9LHY have been nominated for the 1993 ARRL Excellence in Recruiting award.

If you are interested in becoming an Official Bulletin Station, please contact WB9JSW, or for Official Observer, contact N9CAP.

Ozaukee RC Swapfest great turnout, had many amateurs, including KB9HAM who is a ham, and N9FEW, there is only a few like him.

WB9ZRE and KB9WC got their Extras.

Wisconsin Nets

Net	WNA	Freq.	UTC	CDT	Mgr.
BWN	Yes	3984	1100	0600	W9AYK
BEN	Yes	3985	1700	1200	KE9VU
WSBN	Yes	3985	2230	1730	K9UTQ
WNN	Yes	3723	2300	1800	KA9FVX
WSSN	Yes	3645	2330	1830	N9BDL
WIN/E	Yes	3662	0000	1900	WB9ICH
WIN/L	Yes	3662	0300	2200	W9NGP
NWTN	Yes	34/94	2330	1830	NS9Q
(Rhinelander area)					
RCRA	No	01/61	2330	1830	KA9OMC
(Mondays CST) (Menomonie Area)					
Gr. Bay	No	72/12	0145	2045	WB9NRK
(Green Bay Area)					
ARES	No	4.65/5.25	0100	2000	
(South East/South Central Wisconsin)					
RACES	No	3993.5	1300	0800	WA9OAY
(LSB Sunday)					

N9LTA really pleased when he won doorprize 1993 ARRL Handbook, had won 1988 Handbook which he will give to some young newcomers.

Sorry to report Silent Key WB9PKL.

Thought for the month: *Nothing ever comes out as planned.* □

MACC Addresses Six-Meter Bandplan, Recommends 440 MHz Packet Frequencies at Annual Meeting at Dayton HamVention

The Mid-America Coordination Council (MACC) held its annual meeting during the 1993 Dayton Hamvention. A number of items were approved, including recommended frequency usage for packet operations and six meter bandplan usage.

The six meter bandplan was re-affirmed with a 1.700 MHz spacing, with a sunset clause on 1.000 MHz input/output spacing to occur Jan. 1, 2000. Frequencies that are now coordinated with a 1.000 MHz split will have to be changed over by then. All new coordinations are to be at 1.7 MHz.

It was pointed out that no six meter transceivers have been made that didn't have 1.7 MHz split capability for over seven years. In the year 2000, these radios will be 15 years old, or older. This, along with the influx of new no-code Technicians and others buying new gear, will reduce the non-compatible radio percentage to a low figure.

Packet operations on 440 MHz were addressed, with the re-affirmation of the frequencies from 446.025 to 446.200 being set aside for packet operation. This was set two years ago at the 1991 MACC Annual Meeting. The change this year was to recognize three of the listed ARRL Bandplan frequencies for packet, 441.025, 441.050 and 441.075 MHz, to be used for packet repeater, or duplex operation along with the +5 MHz counterparts of 446.025, 446.050 and 446.075 MHz.

The frequencies between 446.400 and 446.500 MHz were set aside for a "safe" area for 440 MHz frequency selection, without need for coordination, if someone wishes to operate a cross-band radio for a brief time, to extend their coverage. This is NOT intended for regular, on-going usage. It is intended to provide frequencies for use at events, meetings and other non-permanent applications without interference to other, unlisted, services such as repeater links.

MACC members are Missouri, Kansas, Iowa, Nebraska, South Dakota, North Dakota, Illinois, Oklahoma, Minnesota, Colorado, Arkansas, Indiana, Ohio, Western Washington, Upper Michigan, Oregon, Arizona, Wyoming, and Wisconsin.

- Nels Harvey, WA9JOB,
Vice President,
Mid-America Coordination Council;
Chairman,
Wisconsin Association of Repeaters

Field Day: Fun for All Radio Amateurs!

By Richard Regent, K9GDF
5003 South 26th Street, Milwaukee, WI 53221

One purpose of Field Day is to test the readiness of Amateur Radio Emergency Communications. Operators set up radio equipment in the field and to contact as many other stations as possible to compete for a high score. Another purpose, somewhat like the Wisconsin QSO Party, affords the chance of meeting old friends and testing limits of favorite modes and bands.

Did you know that Field Day is *always* on the fourth full weekend in June? This year it will be June 26th and 27th. ARRL Headquarters has information packages available which explain publicity, press releases, safety, operating and setup and they include dupe sheets, section abbreviations

and an application form. Complete Field Day Rules can be found in May QST, starting on page 123.

This year, an additional 100 points may be earned by completing at least ten VHF/UHF QSOs (excluding packet contacts). A "free" VHF/UHF transmitter has been added for class A and class B stations whose operators can operate the entire FD period or perhaps just a few minutes without adding to the number of transmitters, kind of like the "free" packet and satellite transmitters of past years. So this is a great chance to get Technicians active on VHF or UHF during Field Day.

Now that computers are used more to operate CW or log contacts, the extra operators that are freed up can help newcomers to make the event and the weekend a success for all. □

ARRL Audiovisual Library

By Richard Regent, K9GDF
5003 South 26th Street, Milwaukee, WI 53221

Many amateurs own video cassette recorders. These days, a VCR and a television set are the main items needed to present an interesting radio club program of a videotape.

It just so happens that ARRL videotapes are available to registered instructors, affiliated clubs and ARRL members. Use is free; the only cost being return shipping. But of course, these free programs may not be shown for financial gain.

There are 32 videotapes to choose from, with such topics as recruitment and education, satellite and space communications, documentary, emergency communications/disaster preparedness, amateur television, field day, instructional, handi-ham and

operating events and contests - something for everyone, with more titles on the way.

Requests must be made one month in advance on form CSD-20 with a limit of one selection per month. Feel free to make a copy to keep for future use. Phone (203) 666-1541, or write ARRL Headquarters (225 Main Street, Newington, CT 06111) for CSD-20, the Request and Confirmation Form, and the complete audiovisual list.

WA9BPG of Waukesha, for example, ordered a promotional VHS tape for use at a local junior high school to catch the ham radio interests of students. Andy ordered the tape because schools cannot order tapes unless an amateur radio class is being taught and the instructors call letters are given. Results were excellent. Convenient video tapes with their color, motion and sound can get the message across quickly. Try one at your club or school soon. □

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• Ready-Made 102 ft G5RV	\$50.00
• Ready-Made 51 ft G5RV	\$40.00
• 200' Dacron 250# line	\$11.95



Fines for Pirate Operation

Three Washington state men have been fined \$2,000 each by the FCC for unlicensed operation on 2 meters.

The FCC received a complaint from an amateur on November 17, 1992, alleging that people aboard fishing vessels were operating on 144.170 MHz. The FCC agent was unable to receive adequate signals from the operations and asked for a tape recording from the complainant.

The FCC conducted an investigation, using telephone, marina, and U.S. Coast Guard information to identify the source of the transmissions.

The FCC said that since all three accused men were individuals (rather than commercial operations) and because of the nature of the violations and the fact they were first offenses, it would set the fines at \$2,000 instead of the \$8,000 "base forfeiture" set by its rules.

Receiving Notices of Apparent Liability for \$2,000 were Randy Baxter, Kevin Marilley, and Mark Karuza, all of Bellingham, Washington.

- ARRL Bulletin ARLB052

30 Meter Petition Denied

The FCC has denied a petition to grant Novice and Morse code certified Technician class licensees access to the amateur 30 meter band. The petition, by William G. Welsh, W6DDB, asked that such licensees be allowed CW operation from 10.1 to 10.15 MHz.

Welsh argued that the 40, 15, and 10 meter bands currently occupied by Novices and Technicians are becoming less useful due to changing sunspot conditions and interference from shortwave broadcast stations. He also said that the longer antennas needed for operation on 80 meters limited the appeal of that band for Novices and Technicians.

The FCC said that in opening the 30 meter band to the Amateur Service in 1985 it had not included Novices and Technicians in order to promote an acceptable balance between licensing incentives and operating privileges. It followed the same guideline in the opening of the 17 meter band in 1989, the FCC said.

Thus, this petition for rule making was repetitive, the FCC said.

- ARLB047, ARLB048, 04/28/93

Two Amateurs Presumed Dead in Waco Tragedy

Two Amateur Radio operators apparently perished in the fire at the Branch Davidian compound near Waco, Texas, on April 19. Douglas

U.S. Amateur Population Tops 600,000

An Amateur Radio milestone was reached at the end of March when the total number of FCC licenses eased over the 600,000 mark. Here's the breakdown:

Amateur Extra	62,397
Advanced	110,656
General	126,011
Technician	201,670
Novice	99,711

Clubs (2,067), Military-Recreational (113), and RACES (251) brought the grand total to 602,876.

Also in March, 4,239 new operator licenses were issued, and 2,779 upgrades were processed by the FCC.

- The ARRL Letter, 4/28/93

Wayne Martin, KJ5HK, and Jeffrey C. Little, KJ5HJ, were among those listed by the Federal Bureau of Investigation on April 20 as previously identified and presumed dead.

According to Waco area amateurs, both Martin and Little passed Novice class exams in June, 1992, and progressed through Extra Class by the end of the year. In December, Martin had told one Waco amateur that he had an HF transceiver and an inverted V antenna for 20 and 15 meters and "could work anywhere," although local amateurs had not heard either of the two call signs on the air.

Just five days before the siege began on February 28, Martin had attended a club meeting of the Heart of Texas Amateur Radio Club. He was a Harvard-educated lawyer. Jeffrey Little was 32 years old, according to FCC records.

Wayne Martin's wife, Sheila Judith Martin, 46, and three of the couple's children left the compound before the fire. Two other Martin children were listed by the FBI as presumed dead.

- The ARRL Letter, 4/28/93

CQ Contest Hall of Fame Inducts Six New Members

Six amateurs have been inducted into the CQ Contest Hall of Fame. In order of induction: Fred Laun, K3ZO; Frank Anzalone, W9WY; Jim Lawson, W2PV; Ed Bissell, W3AU; Vic Clark, W4-KFC; and Rush Drake, W7RM.

Three of the six were inducted posthumously, Frank Anzalone, Jim Lawson, and Vic Clark. The inductions were formally made at a contest banquet in Dayton, Ohio. Fred Laun was present to accept his induction, and Molly Lawson, the widow of W2PV, accepted on behalf of her late husband, Jim Lawson.

Previous inductees to the CQ Contest Hall of Fame were, in order, K2GL; KH6IJ; G3FXB; OH2BH; W8IMZ; W3GRF, and W3GM.

- Condensed from The ARRL Letter, 4/28/93

....

BSSS Editor's note: Fred Laun, K3ZO, one of the new CQ Contest Hall of Fame inductees, origin-

Silent Keys

MARVIN H. RUTISHAUSER, WB9-PKL, Milwaukee, died April 23 at age 85.

He was an active amateur and a member of MARS.

- Via Rich Regent, K9GDF

CHARLIE BURCH, KA9UUK, La Crosse, died in April.

He was a lifetime member of the Riverland Amateur Radio Club.

- From Riverland ARC minutes, 6/93

LENORE JENSEN, W6NAZ, died May 5, 1993, in Sherman Oaks, Calif. She was 79 years old, the widow of Robert Jensen, W6-VGQ, and one of Amateur Radio's premier ambassadors.

She was first licensed as W9CHD in 1939, in Chicago, where she was a contract actress for NBC. She became W2NAZ upon moving to New York City in 1940, and then W6NAZ after the Second World War, when she and her husband, Joe, W2MSC, moved to Hollywood.

Most of her operating involved message handling and phone patching. She ran 68,000 Army MARS phone patches during the Vietnam War, according to a profile in QST for December, 1987.

Lenore Jensen was one of the 13 surviving founders of the Young Ladies Radio League, and the 1983 Dayton HamVention Special Achievement Award winner. She was especially important to Amateur Radio public relations, interviewing stars and celebrities for radio "spots."

Survivors include two stepchildren, Cindy Wall, KA7ITT; and Stephen Jensen, W6RHM.

Memorial donations may be made to the ARRL Foundation, the Los Angeles Recordings for the Blind Assn., or the American Cancer Society.

- ARRL Bulletin ARLX006, May 7, 1993

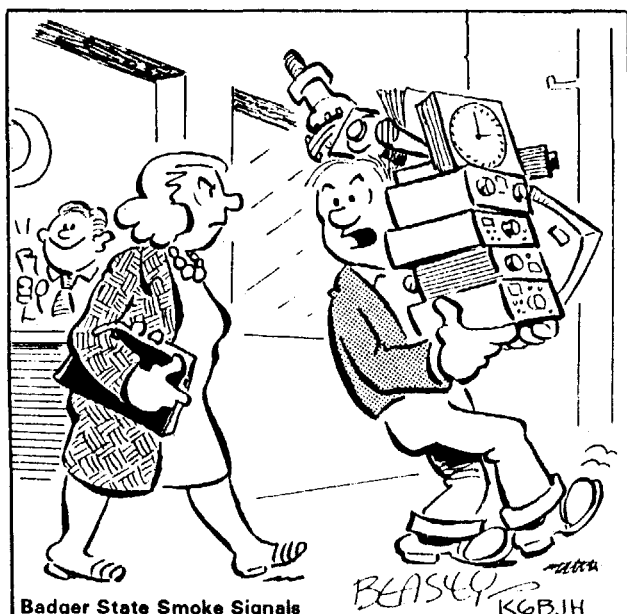
ally held the call sign W9SZR. He is originally from Kiel, Wisconsin. He graduated from the University of Wisconsin in Madison in the 1950s, and was an employee of the U.S. Information Service for many years.

Among his many accomplishments were the removal of Thailand from the "banned countries" list, and helping to get several stations on the air from Vietnam. The BSSS staff congratulates Fred.

From the Editor

- The list of the latest FCC-issued call signs as of May 1 was not available. The reason is not known.

- We ran short of space in this issue. We are holding several items for the July issue, including correspondence, a story from Mike Schoenfuss, N9GHZ, and the first article in a series by Stan Kaplan, WB9RQR. Sorry to keep you waiting. □



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8308

Joint Resolution Presented to Congress Commends amateurs, Urges Protections

Joint Resolution S.J. 90 was introduced in the U.S. Senate on May 7, 1993, by Sen. Charles Robb of Virginia. It's a bill that recognizes radio amateurs, supports radio amateurs "as national policy," and urges that regulations "facilitate" Amateur Radio operation as a "public benefit."

The resolution results not only from the diligent efforts of the American Radio Relay League's Washington team but - more importantly - from the thousands of amateurs who give their time and energy in public service, in technical experimentation, in education, and in international good will.

Sen. Robb entered the following statement into the *Congressional Record*:

"S.J. Res. 90. A joint resolution to recognize the achievements of radio amateurs and to establish support for such amateurs as national policy; to the Committee on Commerce, Science, and Transportation.

"AMATEUR RADIO SERVICE JOINT RESOLUTION

"Mr. ROBB. Mr. President, today I am pleased to be joined by Senators AKAKA, DECONCINI, PRESSLER, and SHELBY to introduce a joint resolution that will grant well-deserved recognition to a valuable national resource, the Amateur Radio Service. For the past 80 years, this group of dedicated volunteers has been first on the scene for virtually every communications emergency. When

Mother Nature or a human misstep causes the telephone lines to go down or radio circuits to be overloaded, the 'ham' operators are there with their equipment, providing communications until the regular infrastructure is back to normal.

"Radio amateurs also demonstrate their expertise in another way, as technical innovators. Eager to push back technical frontiers, amateurs probe the upper limits of the useful radio spectrum, discover much about radio propagation, and develop practical and affordable alternatives to complicated expensive new equipment from the laboratories.

"Our resolution expresses the Nation's gratitude for both the technical and disaster communications achievements of the Amateur Radio Service. But words without deeds, it is often said, are empty. Keeping that in mind, this resolution goes beyond commendation to give the amateurs a tool or persuasion to smooth their path; it urges adoption of rules and regulations that encourage the use of new technologies within the Amateur Radio Service.

"Finally, without limiting the decision-making capability of any agency - local, State or Federal - the resolution urges that any regulations which are necessary at any level of government be crafted in ways that facilitate and encourage amateur radio operation as a public benefit.

"We urge its prompt adoption by the Senate."

Co-sponsoring the joint resolution were Senators Akaka of Hawaii, DeConcini of Arizona, Pressler of South Dakota, and Shelby of Alabama.

Last fall the Congress adjourned without acting on companion Amateur Radio bills in the House and Senate, and those bills died. The House bill, H.R. 73, was co-sponsored by more than half - 219 - of the 435 House members, while just over a third, 35, of the Senate's members signed on to the Senate version, S.1372, before the 102nd Congress adjourned.

At the time, ARRL President George Wilson III, W4OYI, said, "With half the House and more than a third of the Senate already co-sponsors, Amateur Radio has a big head start in working with the 103rd Congress next year."

The spade work done by ARRL Washington Area Coordinator Perry Williams, W1UED, and other League officials, has now resulted in S.J. Res. 90.

- The ARRL Letter, 5/12/93

The text of S.J. Res. 90 is on page 7.

FCC Agrees to Issue Special Call Signs to Club, Military Recreation Stations

The FCC has amended its amateur service rules to provide for volunteer organizations to administer a system designed to provide special call signs to club and military recreation stations. This action was authorized by the Telecommunications Authorization Act of 1992. Organizations selected for the new system will be known as "Club and Military Recreation Station Call Sign Administrators."

An administrator must enter into a written agreement with the FCC and public notices will be issued listing the administrators. To be an administrator, the organization must exist for the purpose of furthering the amateur service. Its membership must include at least one percent of the amateur operators licensed by the FCC, and it must be capable of serving as an administrator in all places where the amateur service is regulated by the FCC.

An administrator must agree to accept and process all properly-completed license application forms from the trustees of club stations and from the custodians of military recreation stations without regard to race, sex, religion, national origin or membership (or lack thereof) in any amateur service organization. The organization cannot charge a fee or accept any form of reimbursement for services provided as an administrator.

Within 10 days of receiving an application, an administrator must provide the FCC's licensing facility at Gettysburg, Pa., with the actual license document, including the call sign. The document must be ready for endorsement and mailing.

Each administrator will be assigned initially a block of call signs having a two-letter prefix from the NA-NZ "by three" series. An example of a block would be NA1AAA through NA0ZZ. There are 26 possible blocks. The administrator must issue public announcements detailing the policies and procedures of its call sign system. Dates for accepting applications from potential administrators have not yet been announced.

- ARRL Bulletin ARLB055, 5/13/93

Eau Claire HAMFEST - 93

sponsored by
Eau Claire Amateur Radio Club
&
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Chippewa County Fairgrounds
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JULY 24, 1993
7:30am - 2:00pm

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Roundtable at 11:00am on networking, including question & answers session.



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JOINT RESOLUTION

To recognize the achievements of radio amateurs, and to establish support for such amateurs as national policy.

Whereas Congress has expressed its determination in section 1 of the Communications Act of 1934 (47 U.S.C. 151) to promote safety of life and property through the use of radio communication;

Whereas Congress, in section 7 of the Communications Act of 1934 (U.S.C. 157), established a policy to encourage the provision of new technologies and services;

Whereas Congress, in section 3 of the Communications Act of 1934, defined radio stations to include amateur stations operated by persons interested in radio technique without pecuniary interest;

Whereas the Federal Communications Commission has created an effective regulatory framework through which the amateur radio service has been able to achieve the goals of the service;

Whereas these regulations, set forth in Part 97 of Title 47 of the Code of Federal Regulations clarify and set forth as the purposes of the amateur radio service as a -

(1) voluntary noncommercial communication service, particularly with respect to providing emergency communications;

(2) contributing service to the advancement of the telecommunications infrastructure;

(3) service which encourages improvement of an individual's technical and operating skills;

(4) service providing a national reservoir of trained operators, technicians and electronics experts; and

(5) service enhancing international good will.

Whereas Congress finds that members of the amateur radio service community have provided invaluable emergency communications services following such disasters as Hurricanes Hugo, Andrew, and Iniki, the Mt. St.

Helens eruption, the Loma Prieta earth-quake, tornadoes, floods, wild fires, and industrial accidents in great number and across the nation; and Whereas Congress finds that the amateur radio service has made a contribution to our Nation's communications by its crafting, in 1961, of the first Earth satellite licensed by the Federal Communications Commission, by its proof-of-concept for search and rescue satellites, by its continued exploration of the low Earth orbit in particular pointing the way to commercial use thereof in the 1990s, by its pioneering of communications using reflections from meteor trails, a technique now used for certain government and commercial communications, and by its leading role in development of low-cost, practical data transmission by radio which increasingly is being put to extensive use in, for instance, the land mobile service;

Now, therefore, be it Resolved by the Senate and House of Representatives of the United States of America assembled, SECTION 1. FINDINGS AND DECLARATIONS OF CONGRESS.

Congress finds that - (1) radio amateurs are hereby commended for their contributions to technical progress in electronics, and for their emergency radio communications in times of disaster;

(2) the Federal Communications Commission is urged to continue and enhance the development of the amateur radio service as a public benefit by adopting rules and regulations which encourage the use of new technologies within the amateur radio service; and

(3) reasonable accommodation should be made for the effective operation of amateur radio from residences, private vehicles and public areas, and that regulation at all levels of government should facilitate and encourage amateur radio operation as a public benefit.

- The ARRL Letter
May 12, 1993

High Altitude Balloon Project Set for June 12 Launch

The High Altitude Balloon Project plans to launch a weather balloon carrying a one-watt Morse beacon transmitting on 145.890 MHz on Saturday, June 12, 1993, at about 1500 UTC (about 10 a.m. CDT). The launch will be under the supervision of Joe Mayenschein, WB9SBD, at his site in Hillsboro, Wisconsin. If all goes well, the balloon will be at 80 to 100 thousand feet when its signal is picked up by the Russian RS-10/11 satellite at 15:48 UT (10:48 CDT), and relayed by the satellite on 29.3852 MHz, plus or minus Doppler shift.

RS-10/11 will be on orbit #29923, traveling from north to south, and passing over the Great Lakes. Its downlink signal should be audible over most of the continental U.S., except the extreme west coast, which will be marginal. All of Canada, Greenland, and Central America, and most of Alaska, Iceland, and the northern part of South America will be covered.

The first purpose of this flight will be *just do it!* I don't think that any balloon/satellite links have been done before. Purpose number two is to test the feasibility of using RS-10/11 to help track a possible around-the-world balloon flight, to be launched by Joe, WB9SBD, later this year.

A special QSL will be sent to anyone sending a reception report to H.A.R.P., P.O. Box 14748, Madison, WI 53708.

QSLs will be sent for reception on the uplink, downlink, or both frequencies. Reports should include time and frequency. The balloon call sign will be N9LTD, and the calls of other members of the launch and recovery team will be transmitted periodically.

The rain launch date is Sunday, June 13, 1993, RS-10/11 orbit #29937. We'll keep trying every weekend until we get it off the ground. A list of usable RS-10/11 passes, calculated with elements dated May 6, 1993, is printed below. An SSB ground station will be parked a few kHz away from the balloon frequency to answer any questions during the flight. (That is why the beacon is in the SSB portion of the transponder's passband.)

DATE	CDT	UT	ORBIT NUMBER
Sat 12 Jun	10:48-11:02	15:48-16:02	29923 (first try)
Sun 13 Jun	11:18-11:32	16:18-16:32	29937
Sat 19 Jun	10:47-11:01	15:47-16:01	30019
Sat 20 Jun	9:32-9:46	14:32-14:46	30032
Sat 26 Jun	09:01-09:15	14:01-14:15	30114
Sun 27 Jun	09:31-09:45	14:31-14:45	30128
Sat 03 Jul	09:01-09:14	14:01-14:14	30210
Sun 04 Jul	07:45-07:58	12:45-12:58	30223
Sun 04 Jul	09:31-09:44	14:31-14:44	30224

(Note two passes July 4)

Questions or comments should be sent to N9LTD @ WD9ESU.WI.USA.NOAM, or to my BBS at (608) 249-7130, 300-14400 baud.

- Dave Mullenix, N9LTD
2502 Brentwood Parkway, Madison, WI 53704

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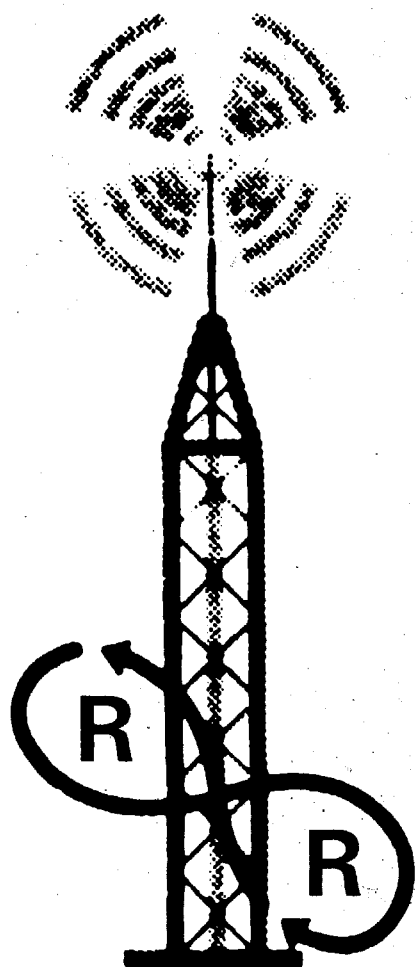
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By Ronald W. Hooker, K9WTF
 S68 W22700 National Avenue
 Big Bend, WI 53103

The mobile mount that came with the Kenwood TM201B two meter rig is a snap-in slide mount which makes it very easy to slide the rig in and out. I use this feature for transferring the rig between vehicles. The present Kenwood mobile radios are furnished with a mount that has screws to secure the rig to the mounting bracket. The MB-201 bracket, however, is still available as an option and fits the present design of the Kenwood line.

A year and half ago I had my car hit in the rear. The impact caused my radio to become a flying projectile in the car; the impact knocked the radio out of its mount. It was still on the frequency and operating, but a button had been pushed on the radio which caused it to operate improperly. Before I could use it to call the law enforcement officials, I had to figure out what was causing the improper operation.

Only recently, after purchasing a new dual band radio for my wife's car, I realized how easy it is to protect your radio from becoming a missile in an accident. Further, it adds theft deterrent to the radio.

The mounting bracket has holes in front of the snap-in studs mounted on the radio. Place a miniature padlock in one of these holes or, preferably, one on each side. These locks are available in pairs with a single key to open each lock. This gives you missile protection of the rig and a theft deterrent.

This article first appeared in Hamtrix, the club newsletter of the West Allis Radio Amateur Club.

Yellow Thunder Amateur Radio Club Members Demo Ham Radio for Scouts



Hundreds of Boy Scouts camped at the Sauk County Fairgrounds in Baraboo on the weekend of May 15 and 16 for "Circus Heritage Days." (The Ringling Brothers Circus began in Baraboo in the 1880s.) A number of exhibits and displays were set up for the Scouts to visit, with some of the visits earning the Scouts credit for merit badges. The ham radio exhibit, set up and operated by the Yellow Thunder Amateur Radio Club, featured operating HF, two-meter voice, two-meter packet, and 440 MHz fast-scan television stations (with a camera and transmitter mounted on a cap!). Here, YARC member Art Kleefisch, W9WSS, Baraboo (at right in photo) and two Scouts listen to a Michigan station encouraging them to become radio amateurs. More photos of the demo will be published in the July issue of BSSS.

- BSSS staff photo

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Sunday, June 13, 1993

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8:00 AM	SWAPFEST opens
9:00 AM	ARRL FCC Exams *
TBA	WNA meeting
TBA	WAPR meeting
12:30 PM	Prize Drawings
1:30 PM	Shutdown

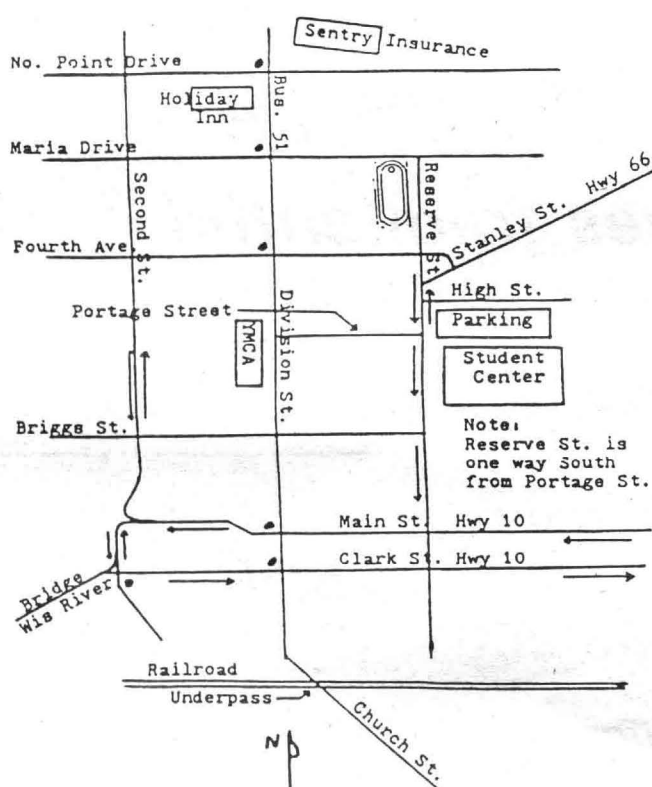
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KE9RY *	Waukesha	22	11	0	33	0	190	4500	10770	Kettle Moraine ARC
N9HR *	Jefferson	21	4	0	25	0	199	5500	10475	Watertown ARC
KF9EW *	Jefferson	21	4	0	25	0	195	5500	10375	Watertown ARC
WB9MSM *	Dodge	31	12	2	45	0	173	2500	10285	Watertown ARC
WA9OAY *	Dodge	13	4	0	17	0	181	4500	7577	Watertown ARC
N9JUJ *	Waukesha	13	4	0	17	0	181	4500	7577	Watertown ARC
KF9FR *	Winnebago	34	6	0	40	0	117	1000	5680	
WA9GON *	Outagamie	23	3	0	26	0	91	3000	5366	WACO/BARF
KC2AK/M9 *	Dane	16	1	0	17	0	37		629	Four Lakes ARC
KB9IFT	Door	0	4	0	4	0	12		48	Green Bay Mike & Key Club
WA9BPG	Waukesha	4	0	0	4	0	4		16	Kettle Moraine ARC

Multi Operator - Mobile

K9VGE *	Waukesha	37	12	0	49	0	333	7000	23317	Kettle Moraine ARC Ops: K9VGE, K9AAS
KF9GP	Kewaunee	49	30	2	81	0	270	500	22370	Green Bay Mike & Key Club Ops: KF9GP, N9DKH, KA9BXG

Multi-Transmitter/Multi-Operator - Mobile

N9KS *	Waukesha	32	24	3	59	474	107	7000	41279	Kettle Moraine ARC Ops: N9KS, N9EZ
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Single Operator - Novice

KB9GUX *	Juneau	0	4	0	4	0	34		136	
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Single Operator - Technician

N9NUN *	Kewaunee	13	14	1	28	0	300		8400	
N9ICH *	Milwaukee	8	9	0	17	0	190		3230	
KB9ARA *	Columbia	4	8	1	13	0	120		1560	
N9NOF *	Brown	8	6	0	14	0	52		728	Green Bay Mike & Key Club
KA9TEP *	Milwaukee	7	4	0	11	0	60		660	W/K ARC
KA9JCP *	Milwaukee	2	2	0	4	0	3		12	West Allis RAC

Multi-Transmitter/Multi-Operator - Technician

N9PAY *	Brown	5	5	0	10	0	33		330	Green Bay Mike & Key Club Ops: N9PAY, N9PAV
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Multi-Transmitter/Multi-Operator - Fixed

KB9EWK *	Brown	15	34	2	51	0	186		9486	Green Bay Mike & Key Club Ops: KB9EWK, KB8MFR, KB9IKN
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Multi-Operator Fixed

KO9Q *	Sheboygan	44	30	2	76	238	149		29412	Sheboygan County ARC Ops: KO9Q, N9ICX
WB9JBF	Milwaukee	46	38	1	85	0	302		25670	West Allis RAC Ops: WA9AKV, KA9WXN
ND9Z	Outagamie	41	34	2	77	170	158		25256	Green Bay Mike & Key Club Ops: ND9Z, AA9AO
W9UDU	Racine	52	31	2	85	0	270		22950	Racine Megacycle Club Ops: KB9HHM, KB9HSG, KB9HSJ
KF9KZ	Sheboygan	49	25	1	75	72	206		20850	Sheboygan County ARC Ops: KF9KZ, KB9IKQ
KZ9O	Menominee	56	17	2	75	2	253	500	19625	Green Bay Mike & Key Club Ops: N9NUP, WD9JIM
WK9M	Waukesha	37	31	1	69	54	222		19044	Kettle Moraine ARC Ops: WK9M, KB9AMG
W9YT	Dane	47	20	0	67	0	221		14807	Badger AR Society Ops: WO9U, WB9YHB
WA9PWP	Dane	32	18	1	51	174	42		11016	Four Lakes ARC Ops: WA9PWP, N9OUH
WS9P	Racine	27	32	1	60	0	124		7440	Racine Megacycle Club Ops: WS9P, N9GSO, KB9HSB, KB9HVD
WO9B	Waukesha	24	25	1	50	0	72		3600	Ops: WO9B, N9KPH
W9MFG	Portage	25	5	0	30	10	63		2190	Ops: W9MFG, KB9CIQ

* CERTIFICATE

GENERAL COMMENTS

The 1993 WQP was a success. We had 159 entries, 116 from Wisconsin, 39 from the rest of the USA, and 4 from Canada. 23 states, including Hawaii, sent in logs. Two Canadian provinces sent in logs.

71 Wisconsin counties were represented - only Bayfield was absent. All 50 states and 8 Canadian provinces were found in the logs. Labrador, New Brunswick, Northwest Territories, Prince Edward Island and Yukon Territory were missing. To me, that's very good representation from other stations, for a seven hour state QSO Party. I thank all those many stations around the US and Canada. I hope you all had fun like I did.

I would like to thank the 15 mobile stations who took a "ride", putting the highest number of counties on the air in my experience with the WQP: K9VGE and K9AAS team (15 counties total), W9OP (14), N9KS and N9EZ team (14), KF9EW (12), N9HR (12), KE9RY (12), N9JUJ (11), WA9OAY (11), WA9GON (6), WB9MSM (6), KF9FR (4), KC2AK/9 (3), WA9BPG (1), KF9GP and N9DKH team (1), and KB9IFT (1), deserve many, many thanks from all of us for their efforts. I think that effort was a significant part of the highest ever county total that I know of in WQP history.

We also had more categories entered this year too. Of the 12 categories available, we had 9 with entries. Last year only 5 categories had entries. Only Multi Op Novice, Multi Multi Op Novice and Multi Op Tech had no entries this year.

The club competition saw another milestone. I really do not have a handle on our WQP "high" in this area from past years to compare to, but compared to last year, Kettle Moraine ARC mustered 19 entries for a total score over 100,000 points higher than their last year score, out of the 20 club entries. Last year Kettle Moraine had only 13 entries. You can see there is value in getting out the stations in

WISCONSIN STATIONS

Single Operator - Fixed

CALL	COUNTY	C	S	P	MULT	CW PTS	SSB PTS	BONUS PTS	FINAL SCORE	CLUB AFFILIATION
W0AIH **	Eau Claire	49	50	7	106	82	697	500	83074	Independence ROC Operator KA9FOX
W9UP *	La Crosse	64	46	5	115	194	493		79005	Independence ROC Operator NØBSH
W9XT *	Washington	50	46	7	103	126	560		70658	Kettle Moraine ARC
WA9TZE *	Milwaukee	50	48	6	104	266	325		61464	W/K ARC
N9AW *	Milwaukee	47	43	3	93	198	434		58776	W/K ARC
K9OSH *	Waukesha	51	43	7	101	126	427		55853	Kettle Moraine ARC
ND9O *	Winnebago	50	40	5	95	238	327		53675	Fond Du Lac ARC
KB9AIT *	Outagamie	53	44	6	103	0	496		51088	WACO/BARF
KB9S *	Pepin	52	30	3	85	240	251		41735	
WA1UJU *	Waukesha	51	32	2	85	186	299		41225	Kettle Moraine ARC
KB9QL	Milwaukee	52	45	4	101	0	402		40602	W/K ARC
W9WAQ	Dodge	50	40	3	93	176	257		40269	Watertown ARC
WW1M	Milwaukee	49	41	3	93	94	329		39339	Kettle Moraine ARC
NE9U	Portage	41	39	2	82	76	342		34276	
WU9B	Milwaukee	46	41	3	90	12	343		31950	Kettle Moraine ARC
N9FVN	Lafayette	46	26	2	74	248	181		31746	
N9CQQ	Oconto	54	24	2	80	166	208		29920	
NO9M	Dane	41	27	2	70	164	189		24710	Four Lakes ARC
WT9Q	Sauk	35	26	2	63	372	0	500	23936	Yellow Thunder ARC
W9HE	Waukesha	35	25	2	62	386	0		23932	
W9CBE	Dane	49	22	2	73	224	81		22265	
WX9Z	Washington	59	20	2	81	0	259		20979	Kettle Moraine ARC
NI9Z	Washington	45	19	2	66	200	90		19140	Washington County ARC
W9MSE	Fond Du Lac	31	25	2	58	316	0		18328	Fond Du Lac ARC
NF9V	Jefferson	36	26	2	64	130	138		17152	Watertown ARC
WB9RNL	Columbia	43	31	1	75	30	191		16575	Yellow Thunder ARC
K9IAC	Milwaukee	52	19	1	72	0	230		16560	West Allis RAC
KD9BC	Winnebago	42	39	3	84	0	196		16464	WACO/BARF
N9ODY	Racine	37	35	2	74	30	188		16132	Racine Megacycle Club
KB9BJM	Sheboygan	22	23	1	46	0	339		15549	Sheboygan County ARC
K9KR	Racine	41	18	0	59	0	262		15458	West Allis RAC
WA9BZW	Dane	41	30	1	72	0	196		14112	Four Lakes ARC
K9WTF	Waukesha	36	31	2	69	0	200		13800	West Allis RAC
K9ZZ	Columbia	38	17	2	57	136	90	500	13382	
W9UB	Waukesha	48	12	1	61	40	174		13054	Kettle Moraine ARC
N9JAK	Racine	30	24	3	57	56	146		11514	W/K ARC
KF9HI	Milwaukee	41	23	1	65	0	177		11505	W/K ARC
WA9WYI	Washington	41	9	0	50	72	147		10950	Washington County ARC
NK9G	Milwaukee	38	12	1	51	138	72		10710	W/K ARC
W9CHD	Lincoln	33	19	0	52	164	32	500	10692	
NX9H	Milwaukee	34	31	2	67	0	158		10586	W/K ARC
N9EAJ	Jefferson	30	19	2	51	132	69		10251	Watertown ARC
N9PJN	Outagamie	43	9	1	53	0	184		9752	Fond Du Lac ARC
WI9M	Milwaukee	32	20	1	53	84	88		9116	Ozaukee Radio Club
N9CKC	Dane	39	9	0	48	138	50		9024	Four Lakes ARC
N9AOT	Waupaca	42	6	0	48	0	171		8208	WACO/BARF
WE9V	Vernon	37	14	0	51	62	89		7701	Independence ROC
W9ERW	Eau Claire	33	7	0	40	188	0		7520	
W9HR	Kenosha	26	17	1	44	168	1		7436	
N9DHM	Brown	31	21	1	53	0	134		7102	Green Bay Mike & Key Club
KA9HFA	Door	38	9	1	48	0	145		6960	Door County ARC
K9FHI	Dodge	45	4	0	49	0	141		6909	Rock River RC
WA9YVE	Jefferson	31	3	0	34	0	158		5372	Watertown ARC
WB9NRK	Brown	11	31	1	43	0	120		5160	Green Bay Mike & Key Club
K9QYC	Fond Du Lac	3	31	0	34	60	77		4658	Fond Du Lac ARC
KA9SMD	Waukesha	32	10	1	43	0	107		4601	Kettle Moraine ARC
KC9BY	Waukesha	33	10	0	43	0	101		4343	Kettle Moraine ARC
KW9E	Milwaukee	26	19	1	46	0	90		4140	Kettle Moraine ARC
WU9F	La Crosse	30	7	0	37	108	0		3996	Riverland ARC
WB9PRG	Milwaukee	27	7	0	34	50	65		3910	W/K ARC
N9PBM	Outagamie	30	4	0	34	0	95		3230	
W9YCV	Milwaukee	27	2	0	29	40	50		2610	West Allis RAC
W9NUE	Waukesha	34	2	0	36	0	70		2520	
W9ZBD	Oneida	30	2	0	32	0	76		2432	
KC9LF	Milwaukee	25	4	0	29	0	79		2291	Kettle Moraine ARC
W9LXY	Racine	27	3	0	30	0	76		2280	Racine Megacycle Club
W9DMI	Milwaukee	23	3	0	26	28	40		1768	W/K ARC
KA9WDX	Taylor	25	1	0	26	0	54		1404	Taylor County Area ARC
WB9JPB	Dane	21	2	0	23	60	0		1380	Four Lakes ARC
WB9AZH	Milwaukee	15	7	1	23	2	45	500	1581	Kettle Moraine ARC
NB9H	Burnett	23	3	0	26	0	37		962	
W9RZW	Waushara	16	2	0	18	0	41		738	
K9RHH	Waukesha	15	3	0	18	0	40		720	Kettle Moraine ARC
KA9USV	Waukesha	18	3	0	21	0	29		609	RRRL
AA7CS	Waukesha	13	1	0	14	32	11		602	
KB9DRT	Milwaukee	10	1	0	11	0	37		407	W/K ARC
W9FJE	Milwaukee	13	0	0	13	0	24		312	West Allis RAC
AJ9U	Milwaukee	8	1	0	9	0	32		288	W/K ARC
KC9CI	Washington	9	1	0	10	0	20		200	Kettle Moraine ARC
W9NAW	Waukesha	5	5	0	10	0	10		100	West Allis RAC

* CERTIFICATE ** PLAQUE

the club competition arena. We are awarding a separate club trophy to Kettle Moraine ARC for their 1993 effort. We will be doing this "separate" award each year, rather than returning to the club traveling trophy, which was presented in years past. So, get your club active and see if you can win this in the future. It comes in the form of a plaque for your club to proudly display.

Our plaque for the best SINGLE OPERATOR - FIXED station goes to W0AIH, operated by last year's winner KA9FOX, Scott Neader. With 41 CW Q's, 697 Phone Q's and 106 multipliers (including all 50 states), he amassed 83,074 points. His "average" rate over the seven hour contest was just over 105 Q's per hour. Congratulations, Scott.

ADMINISTRATIVE COMMENT

Without seeming like I am complaining, I want to discuss the March 31 entry date thing. The reason it was moved up this year was to accommodate having the results printed in the June issue of *Smoke Signals*. I need to have sufficient time to be able to process all the entries, enter them into the database, sort them, cut and paste till the results sheets are in as tight a format as I can achieve. I have to do the Soapbox from comments made with the entries. Lastly I have to put my thoughts in order, and along with information gathered off the entries, I generate the General Comments. If that was all I had to do, it would be easy to turn out the results quickly. Unfortunately, that is a SMALL portion of my work. Going through each entry is the biggest time factor. Not just checking for dupes, errors, or score checking either. Believe it or not, my biggest problem is with the way the entries are submitted. The ones that use a computer for the real time logging, scoring and results keeping of the WQP are the easy ones (I really like WA1-UJU system). Most computer programs are just logs. Counties, states or provinces are included in the log but they are not summated anywhere in the entry, and they do not present a complete picture of the results. Without an official entry sheet included, these entries need a lot of attention. A few list out the counties, states and provinces worked, besides providing a dupe sheet(s). The rest do not list anything besides dupes. That is my problem. When I go through each entry I also compile results, i.e. the total counties, states and provinces worked as a group. Because the entries are in different formats, I have to individually compile that information

USA STATIONS

CALL	STATE	CW PTS	SSB PTS	WISCONSIN COUNTIES	FINAL SCORE	CLUB AFFILIATION
KM4JA *	AL	2	33	13	455	
WR4O	AL	0	11	5	55	
N7JXS *	AZ	24	45	27	1863	
W4VZR	AZ	0	25	16	400	
K6NA *	CA	46	52	27	2646	
KC6UMM	CA	0	17	11	187	
VE2EM/3 *	Canada	56	14	20	1400	
VE3VID	Canada	0	48	20	960	
VE3SRE	Canada	0	13	9	117	
VE4FP *	Canada	0	12	11	132	
WH6DY *	HI	0	8	6	48	
KF9FU *	IL	122	124	53	13038	
N9JF	IL	128	108	49	11564	SMC
K9UQN	IL	52	142	44	8536	
WA9LEY	IL	0	68	37	2516	
WM9M *	IN	0	149	45	6705	SMC
NV9V	IN	6	88	28	2632	
WB5TPW *	LA	0	51	18	918	
N5II	LA	18	16	34	442	
W1LXP *	MA	0	41	15	615	
W3GG *	MD	32	13	17	765	
W1WPR *	ME	24	0	10	240	
KA1UEH	ME	12	0	5	60	
KT0P/5 *	MS	2	13	10	150	
K0OAL *	NE	56	10	20	1320	
WA1S *	NH	68	32	25	2500	
W2NZH *	NJ	104	0	27	2808	
NJ2D	NJ	78	24	25	2550	
WA2UDT	NJ	58	12	18	1260	
AE2N	NJ	34	0	10	340	
W9IEM/7 *	NV	0	26	14	364	
NS9E *	NY	26	51	21	1617	
AF8A *	OH	52	0	15	780	
NX3Y *	PA	60	34	23	2162	Ops: NX3Y, KA3QLF
N3CZB	PA	26	0	11	286	
W9WI/4 *	TN	196	124	43	13760	SMC
W5NR *	TX	52	6	16	928	
K6XO *	UT	32	36	22	1496	
K4RDU *	VA	96	11	25	2675	
W4BHD	VA	38	0	15	570	
WA4PGM	VA	20	14	14	476	
K1HKI *	VT	40	9	15	735	
KA1LDS	VT	0	25	12	300	
KD7RX *	WY	0	27	15	405	

* CERTIFICATE

CLUB AGGREGATE SCORES CLUB COMPETITION

CLUB NAME	SCORE	ENTRIES	WINNER
KETTLE MORaine RADIO AMATEURS ***	385360	19	W9XT
W/K ARC OF GREATER MILWAUKEE	212190	12	WA9TZE
INDEPENDENCE RADIO OPERATOR CLUB	169780	3	W0AIH
WATERTOWN AMATEUR RADIO CLUB	119333	9	W9WAQ
WACO/BARF	107560	5	KB9AIT
GREEN BAY MIKE & KEY CLUB	90105	9	ND9Z
FOND DU LAC AMATEUR RADIO CLUB	86413	4	ND9O
WEST ALLIS RADIO AMATEUR CLUB	74522	8	WB9JBF
SHEBOYGAN COUNTY AMATEUR RADIO CLUB	65856	3	KO9Q
FOUR LAKES AMATEUR RADIO CLUB	60871	6	NO9M
RACINE MEGACYCLE CLUB	48802	4	W9UDU
YELLOW THUNDER AMATEUR RADIO CLUB	40511	2	WT9Q
WASHINGTON COUNTY AMATEUR RADIO CLUB	30090	2	NI9Z
BADGER AMATEUR RADIO SOCIETY	14807	1	W9YT
OZAUKEE RADIO CLUB	9116	1	WI9M
DOOR COUNTY AMATEUR RADIO CLUB	6960	1	KA9HFA
ROCK RIVER RADIO CLUB	6909	1	K9FHI
RIVERLAND AMATEUR RADIO CLUB	3996	1	WU9F
TAYLOR COUNTY AREA AMATEUR RADIO CLUB	1404	1	KA9WDX
RRRL	609	1	KA9USV

*** TROPHY

as I go along, basically duplicating each entry to match the official entry form. I would guess that 60 percent need that extra attention. That takes a LOT OF TIME. Using two letter county abbreviations, not crossing out the counties, states and provinces as they are worked if using the official entry form, or providing a list of which ones were worked if using some other format, do not help either. I think you get the picture.

That all takes time. Plus the fact that some entries need to have individual attention for things like "logs not included, addresses not included, questions as to entry class, generally cannot understand entry, read entry or name, etc." Letters to those entries take a week or better to make a round trip. This year there were 6 such letters. I also need to allow at least an extra week beyond the postmark deadline for entries to arrive in our post office box. Summation, three to four weeks minimum beyond postmark date before I can possibly have everything put together to send to *Smoke Signals*. The June issue requires them receiving my information by May 1.

With our previous date of April 15, that was an impossible task. So, the date was moved to March 31 to allow the necessary time for the task.

Bottomline. We understand there was unhappiness with the March 31 postmark date. To tell it like it is. If you want the results in the June issue of *Smoke Signals*, the date has to be March 31 for all entries to be postmarked. If you can live with results in a later issue of *Smoke Signals*, like probably the August issue, we can move the postmark date into the middle of April, thus allowing 30 days after the end of the contest before entries would need to be postmarked. It's your call. We need to hear from you as to your preference. Not six months from now, either. This needs to be decided so we can proceed with the planning for the 1994 WQP. Send your comments to me:

Lynn Tamblin, K9KR
28812 E. River Bay Drive
Waterford, WI 53185

Again, I want to thank ALL THE STATIONS who participated to a large degree or a small degree, whether they sent in a log or not, both fixed or mobile, county hunters or not, and those who were just casual contacts. WITHOUT YOU ALL THERE WOULD BE NO PARTY. See you on the second Sunday of March, 1994.

- Lynn Tamblin, K9KR, for
the Wisconsin QSO Party
Committee, West Allis
Radio Amateur Club

Soapbox

Unfortunately time was limited by having to deal with the great blizzard of '93, not that that should deter people in Wisconsin and Vermont from functioning without panic and anxiety. Nice party! Too bad 3890 had an AM QSO going that was splattering all over the place here on the East Coast. Maybe you can suggest a freq outside the AM portion of the band for next year. (I did not know there was an AM portion, Bob - ed.)

- K1HK1

Could not operate much. Had to shovel a lot of snow. We were really piled up. TNX for fun.

- AE2N

Don't be too surprised if you hear me from Wisconsin Counties next year. That Century 21 has shown up as /6 in California and /3 in Pennsylvania during their QSO parties and the XYL loves to spend her Social Security on traveling.

- W2NZH

Good activity. The short format is a good idea. C U next year.

- WA2UDT

We were hit the previous night with a blizzard that dumped 23 inches of snow on Rochester, NY along with damaging winds. Worked all night and the morning before the contest at the County emergency operations center! To say the least, I was burnt out by contest time. Another interesting note: the automatic antenna coupler was buried by a snow-drift right up to the insulator on top of the cabinet! Despite all this, I still had a real good time!!

- NS9E/2

During the Blizzard of "93" - 24+ inches of snow.

- NX3Y

I've dabbled in this contest before the last couple of years and even made more contacts in previous years but never entered a logsheet. I'm on a bit of a roll these days so this last few months I've been sending in logs to contests (hi). Anyway, I enjoyed the afternoon working Wisconsin stations and I hope to do it again in future years.

- VE3SRE

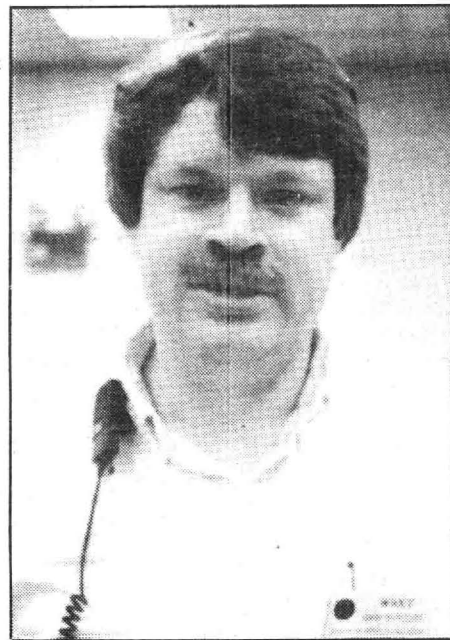
GREAT to get on and work the old gang again. My apologies to those who I wasn't able to copy; there's a lot of QRM from Florida and Texas down here (Nashville, TN) on 80 and 40. Thanks to Don N4ZZ for the loan of a real station: my own station is 20-10 and VHF only. I was able to make K1EA's CT work for the contest, by messing with the CQP.DAT file. If anyone wants to know how it was done, they can write at my 1992/1993 Callbook address, or by packet @W4HHY.TN. AND SPECIAL THANKS TO N9KS/M, worked from SEVEN counties.

- W9WI/4

Very good contest. More WI stations than usual heard here but still need more!!! Always enjoy the party and hope to see all of you next year.

- W5NR

Top Three Wisconsin Single-Station, Single-Op Entrants



The top scorers in the 1993 Wisconsin QSO Party are, left to right, Scott Neader, KA9FOX, who tallied 83,074 points from famed superstation W0AIH; Mike Tessmer, N0BSH, with 79,005 points operating W9UP; and Gary Sutcliffe, W9XT, with 70658. Gary was the high scorer for the Kettle Moraine Radio Amateurs. KMRA won the club aggregate score competition with 385,360 points from 19 club members, easily outdistancing the W/K Amateur Radio Club of Greater Milwaukee. W/K tallied a total of 212,190 points from 12 participating members. Just three members of the Independence Radio Operator Club put that club in third place with a total of 169,780. Scott's and Mike's scores helped the IROC effort more than a just little.

The band was open just about two hours to my QTH in Hawai'i, but I could only work these few stations. I submit the log mostly to indicate my interest. Thanks.

- WH6DY

Will be back in Wisconsin when snow is gone.

- W9IEM/7

This was my first contest I worked as a general. Unfortunately, I didn't take advantage of my new operating privileges until the last hour of contest - will try better strategy next year.

- KB9BJM/AG

Didn't operate the full time. Didn't get home from a trip till 2 PM Sunday. Had fun though, but can't these stations check into the nets of Wisconsin. The nets can use more participation. I'm sure a lot of them have the time.

- K9FHI

Thank you for another fun contest. Since the exchange in the rules said nothing about sig report I didn't write anything down. (that's OK-ed.). I hope I found all the dupes. (U did -ed.). If not feel free to correct as needed. I hope to be back next year.

- N9FVN

Had a couple of software problems that killed about 20 minutes, plus a visitor for another 10 minutes, so did not work as many as last year. However, the multipliers were better so still ended up with a slightly better score. After going so long without a Vilas contact, this year had 3. Ken and Jack (N9KS) did a great job getting some of those hard ones in the log. Also, we seemed to attract more out of state hams who were really trying for a score, as became obvious when you heard them on all bands over several hours. All in all a great effort.

- W9HE

All contacts mobile - 12 Q's - 4 mults - Radio went bad so I quit.

- KB9IFT

Activity was probably similar to the last

few years, but not up to the "glory years" of 1985-1986. Glad the 40 meter frequency was moved down - was that this year or last? (last - ed.) Maybe next year all the equipment, antennas, computers, etc. will work properly, but I'm not holding my breath.

- WW1M/9

It was fun, though 80 was a disappointment. First contest with my oldest son, KB9CIQ, since he got his ticket and moved back to Wisconsin. We're looking forward to some mobiling next time.

- W9MFG

This was my first Wis QSO Party in ten years of contesting. Hope to see you all next year.

- ND9O

This is my first year in the contest and had no intention of entering a score at the beginning, but half way through decided to give it a shot. Great fun! Was running 100 watts and a Delta loop wire antenna. Looking forward to next year.

- N9ODY

What did I forget? Great time!

- W9OP

Special thanks goes to WA1UJU/9 for the contest program that allowed me to beat my previous best by 10K.

- K9OSH

Had a lot of fun - met a lot of nice folks. Not a big log but sending it in anyways.

- K9QYC

I think your contest is much too long and it should be shorter, maybe 3 to 4 hours total.

- W9UB

Great contest, lots of activity, Go Badgers!

- NV9V

Great time as usual despite early equipment problems. Really loved WA1UJU's logging program for the WI QSO Party! The 1992 WI QSO Party will be the last

time I use paper logs in a contest.

- W9XT

I worked only 40 meters but still had a great time. Thanks to N9KS/M for the 7 contacts on 40 meters.

- NI9Z

Had another great time! It was nice to see so many counties active - thanks to some great mobile efforts. Hope to see everyone again next year. This just in: contest activity alive and well in western Wisconsin.

- N0BSH, operator of W9UP

It was fun - tnx for having QSO Party.

- K00AL

A special thanks to all the non-contest operators who got on the air to help out by giving contacts and multipliers which might not otherwise have been available! Your efforts are appreciated.

- K9ZZ

The Wisconsin QSO Party is sponsored annually by the West Allis Radio Amateur Club. The club also sponsors the Mid-Winter Swapfest, held in January in Waukesha, and the West Allis Radio Amateur Radio Club Scholarships, awarded each year and administered by the Foundation for Amateur Radio. For more information about any of these, write to the West Allis Radio Amateur Club, P.O. Box 1072, Milwaukee, WI 53221.

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Russia: Historic and Beautiful; Friendly People

By Larry McCalvy, WA9JMO
5400 Six Mile Road, Racine, WI 53402

"Why would anyone want to go to Russia?" is the question often asked of the McCalvys, Larry, WA9JMO, and Wendy, N9PAC, upon learning that these two hams had just completed their third visit in as many years to the former Soviet Union.

The people, their culture, museums, cathedrals, and churches is the stock answer most often given in unison. But, the main reason we find the former Soviet Union so appealing is the people. They are wonderful: friendly, helpful, and basically very honest.

Our first trip began in March of 1991 as part of the annual University of Wisconsin History/Language Department adventure. Our two-week trip was to include Leningrad and Moscow in Russia. Tallinn, in the Baltic republic of Estonia, and Tblisi, the capital of Soviet Georgia, all wonderfully exciting and beautiful cities.

It was in Tallinn, through the efforts of a Russian television newscaster, that I met my first Soviet Radio Amateur, Mati Lindepuu, ES1RHW. Mati met me at the entrance of our hotel, and took me by local transportation (the bus) to the youth culture center that housed an Amateur Radio club. Mati spoke no English and I spoke no Russian. We communicated with each other using Ham jargon during the hour trip.

At the youth center, I was introduced to August Parn, the instructor, technician and custodian of the radio club station, ES1WW. August, who spoke fluent English, asked if I would care to operate the club's homebrewed station. I jumped at the chance! Two hours and 14 contacts later, I removed the headset and let the 200-watt transmitter and six-element beam rest. I had a ball! I talked and August logged. I still remember the first contact: Will, KB5IPQ, in the state of Louisiana, who answered my CQ while driving to work. He said he almost drove off the road when I first acknowledged him.

August, Mati and I shared another two hours together before I had to return to my hotel, pack, and depart that congenial city.

Over the next year and a half, I would receive periodic telephone calls from Hams around our country telling me they had talked with ES1WW and that August asked them to give me a call and say "hi." It was always a nice highlight to my day.

In June of 1992, Wendy and I were again bound for Russia, this time to the Far East and into Siberia on a two-and-a-half day trip aboard the Trans-Siberian Railway into Irkutsk and the area of Lake Baikal (see photo). Lake Baikal is the largest fresh-water lake in the world: one mile deep, 400 miles long, and 70 miles wide, it holds one-fifth of the world's fresh water. The lake is 24 million years old. An in-depth report on Lake Baikal can be found in the June, 1992 issue of *National Geographic*. The water is so clean that a person can drink it straight out of the lake.

In Irkutsk, Wendy met Alexander Trifonov, who shared tea with us in his home. Through his efforts and the Bureau of Communication in Irkutsk, I was able to meet and visit with Serge Sobolev, UA0SR, and Leo Arsentiev, UA0SU - the president and vice-president of the 400-member Irkutsk Radio Club. The photo of Serge, Leo and I on the front page was taken at 11 p.m. on July 1 - we were in the land of the Midnight Sun.

During our short visit and subsequent exchanges of letters, the status of the Russian Amateur Radio community was gleaned. Almost everyone operates a homebrewed station - theirs, if they were lucky enough to be given or could find the parts to build one. More often, they are members of and use their club station. Commercial equipment and spare parts are hard to come by and, if found, they are very expensive. With the breakup of the Soviet Union in March of 1991, all government support for the local radio clubs ceased. For many Russian Hams now, when equipment dies, so does their operating.

I can make only a small ripple in a very large pond, but I want to do something to help our fellow Amateur Radio operators. I am trying to do this in two ways. The first is to set up sister clubs between radio clubs in Wisconsin and the Irkutsk Radio Club. Second, and more important, I am trying to find used HF gear in working condition, hopefully with manuals and spare parts which can be donated to our Russian neighbors. I have arranged for no cost to us transportation to move donated gear to Europe. I may be able to fine tune this transportation to deliver the goods into Russia. If you have any gear you would like to donate, or know of a business or individual who might help in this project, I can be contacted at my byline address above, or call me at (414) 639-7327.

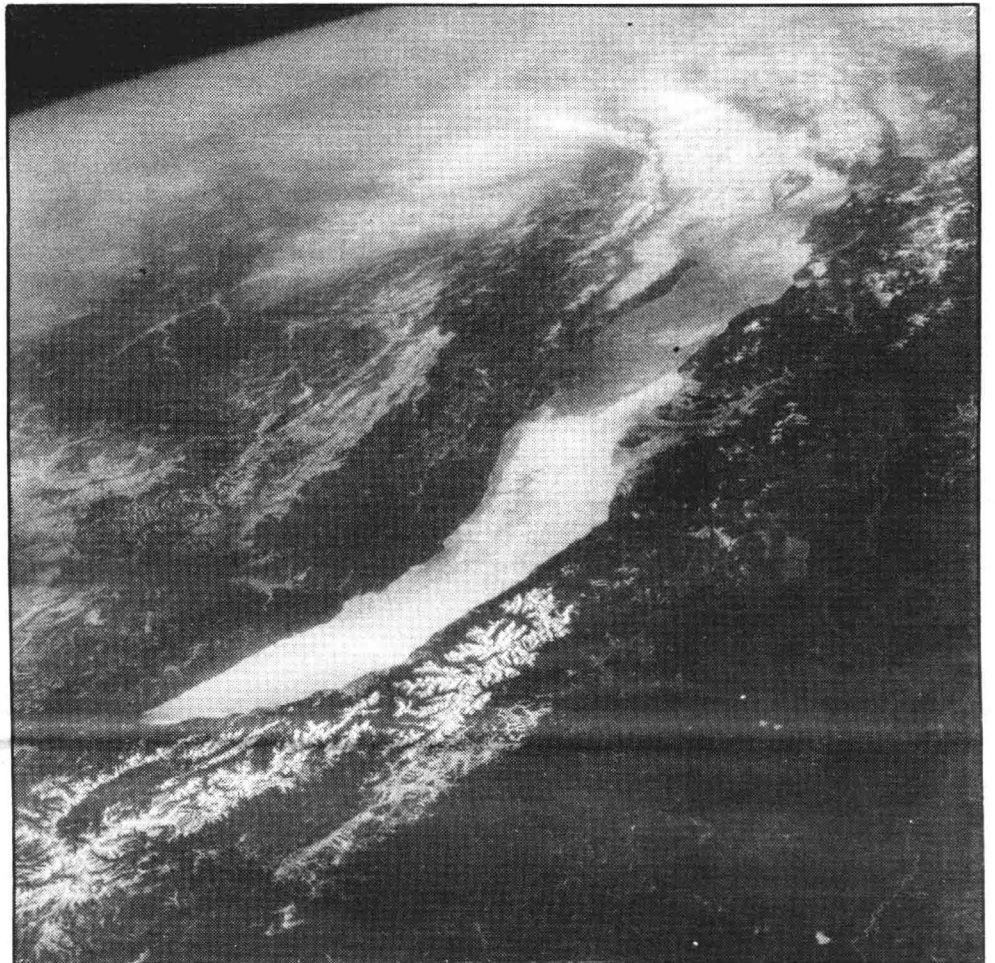
In March of this year, again in search of adventure and Ham Radio operators, Wendy and I departed Chicago's O'Hare on board Aeroflot Airlines, bound for St. Petersburg (Leningrad had returned to its former name), Moscow, and into Uzbekistan to visit the cities of Tashkent and Samarkand. Our first four nights were spent in private homes in St. Petersburg. We ate breakfast and the evening meals with our host families. Our combined group totalled 62 members, affiliated with four University of Wisconsin campuses. The group divided into two separate tour groups. There was a little apprehension the first night, but no horror stories. As far as I was able to ascertain, this was one of the outstanding highlights for the entire combined group. As I said earlier, the Russian people are wonderful.

Our group spent one morning at an elementary school that specialized in English, visiting four on-going classes - the first, third, fifth, and seventh Forms (grades). We were treated to a performance of singing, dancing, short skits, and one-on-one visiting with the students at the end of our visit.

We next flew to Tashkent, the capital of Uzbekistan on board a domestic Aeroflot flight. The difference between it and their international flight is like night and day.



Alexander Trifonov (center) entertains guests in his Irkutsk home, sharing tea with Larry McCalvy, WA9JMO, and Wendy McCalvy, N9PAC. As a youth, Alex learned Morse code from an "old-time" ham, but did not follow through to get his Amateur Radio license. Alex helped the McCalvys meet the top officials of the Irkutsk Radio Club.



This is a north-looking view of Lake Baikal, taken from space shuttle flight STS-45 between March 24 and April 2, 1992. The central basin of Lake Baikal maintains only thinned and broken ice cover, despite the deep Siberian winter freeze. This mysterious phenomenon suggests that the central basin of the lake (which is the deepest basin, reaching depths of almost 2,000 meters) is experiencing a period of overturn. This involves warmer water from below reaching the surface and preventing the formation of extensive ice cover. Freon dating of the lake's deep waters suggests that such circulation occurs very episodically (on the order of every 10 years). Because the lake is so large, deep, and old, it supports a special ecosystem which includes many species of plants and animals found nowhere else. This view shows the large delta built by the Selenga River at the southern end of the lake. Across the lake from the delta is the Ankara River, the lake's only outlet, and the city of Irkutsk.

- NASA photo

A visit to a Tashkent kindergarten was as rewarding to us as the elementary school visit in St. Petersburg. A Polaroid camera saw a lot of service in both schools. Classroom and individual performance pictures were given to the students and teachers. They were very much appreciated, because individual color pictures are very difficult to obtain in the former Soviet countries.

Visiting the market places in each of the cities was also a memorable outing. Fruits, vegetables, spices, ice cream (it was delicious) and meats were in abundance, but costly for local residents.

The Russian currency has had a rough two years. The exchange rate for one U.S. dollar in March of 1991 was six roubles. In June of 1992, our dollar collected 120 roubles. Early November of 1992 found the exchange rate moved to over 400 to one. And, during our visit in March of this year, exchanges of between 690 and 770 roubles to the U.S. dollar could be found.

Unfortunately, we made no new Ham contacts on the third trip. We had less time, staying in a private home and delivering packages for acquaintances to their friends in St. Petersburg and Moscow. It is necessary to hand-deliver gifts, and particularly money gifts, because things "disappear in the mail."

A fantastic place to visit, Wendy and I are planning and looking forward to our next visit to the countries of the former USSR. We would like to return to Irkutsk in the summer of 1994. Please keep that deadline in mind if you think you have or can help obtain equipment that we can extend to our struggling, but gracious, friends across the seas, both the Atlantic and the Pacific.

73 from Larry, WA9JMO, and Wendy, N9PAC.

□

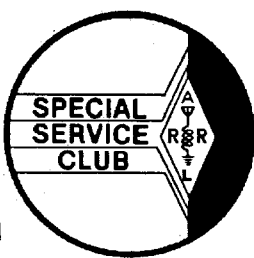
Clubs and Organizations



Riverland Amateur Radio Club

Dick Low, KØJYB,
Secretary

Club mail address: P.O. Box 621
Onalaska, WI 54650



MEETING MINUTES MAY 4, 1993

The May meeting of the Riverland Amateur Radio Club was called to order by President Bob, N9LZK, at 7:00 p.m. There were 31 people in attendance. Visitors were Dale Kinstler (call pending) and Brad Erickson, a prospective Ham.

The minutes of the April meeting were read by Secretary Dick, KØJYB, and were approved as read.

The treasurer's report was given by Duane, W9HWQ, and accepted as read.

ANNOUNCEMENTS

The annual RARC picnic will be held on Sunday June 6th in the Onalaska Park. There will be a talk in on .97.

Silent Key: Charlie Burch, KA9-UUK, passed away in April. He was a life member of the RARC. One of his pet projects was the club trailer, and he contributed generously to the project. Charlie was formerly a school teacher, having taught at Logan and Central High Schools. He was also a member of the Coast Guard Auxiliary, and taught boating safety classes for many years. A thank you note was received from his family thanking the club for its gift of money for a memorial fund. It will be used to purchase a trophy case which will carry his name.

COMMITTEE REPORTS

HAM FEST: Judy, N9LGV, reminded of the date, August 28th. An ad will appear in the *Badger State Smoke Signals*.

TECHNICAL: Van, WA9FIO, explained the problem that occurred in the repeater auto-patch. The telephone hand set located in the repeater cabinet was the culprit. Duane, W9HWQ, will donate a phone to replace the faulty one.

A discussion was held regarding having business or commercial numbers in the speed dial system. It was noted that a decision to dis-allow these numbers had been made in the summer of 1991. A suggestion was made that anyone wanting to make a non-business personal call to a business do so by using the normal method of dialing and assume the responsibility for making the call, thus letting the club off the hook. Feroz, WU9N, made a motion that the RARC should adopt a policy that commercial numbers not be allowed in the autopatch system. Motion carried.

Van also mentioned that the voter board has been populated and progress is being made regarding a site for the remote receiver. A good location is being sought between here and Tomah or between here and Winona. A frequency must be applied for 2 meters and 440 MHz, and the experimenting will start this summer.

440 REPEATER: Kent, W9LZQ, reported that a committee meeting was held regarding the 440 repeater. A frequency has been applied for and two possible sites have been considered. The Nodine site and the WKBT tower at the 700 foot level were discussed. A couple of fund raising projects were discussed, such as an auction or selling items to club members and friends. First aid kits and caps with the Club insignia were mentioned. These projects would require seed money to purchase the items. Walt, AA9-AW, moved that the expenditure be authorized to purchase caps and first aid kits. George, KE9PL, moved that we amend the motion to read (in addition), "provided that the seed money be returned in three months". The amendment was voted on and carried, as was the original motion carried also.

OLD BUSINESS

Walt, AA9AW, reported that a notice has been received from the League that everything appeared to be in order and has been sent to the FCC and the candidates should be getting their licences PDQ.

NEW BUSINESS

Walt, AA9AW, informed us that Charlie, KA9UUK (silent key), willed to the club the gear he had in his shack. Several items are to be installed in the club trailer as specified by the will. Several other items are to be sold at auction to CLUB MEMBERS, and the proceeds therefrom shall be deposited into the general treasury of the Club. The auction will be held at the at the regular June meeting of the RARC. All paid up members will receive notice of the meeting and the auction, as well as a list of the items to be auctioned.

Kent, W9LZQ, informed us that the trailer needs maintenance. Possibly a volunteer committee could be formed to do the necessary repairs.

Clarence, N9NXW, also a member of the Eau Claire Club, informed us of the annual Eau Claire Hamfest, to be held July 24, 1993.

The Western Wisconsin Antique Radio Club will be holding a fest at the Days in in La Crosse on June 5th, 1993. There may even be some old Ham radio gear at the swap fest. Clarence also presented material that the Eau Claire Club presents to their new members. It talks about the repeater, how to conduct yourself on the repeater, how to use the repeater, and includes a copy of the club by-laws.

Meeting adjourned at 8:20 p.m.

Submitted by Dick, KØJYB

Racine Megacycle Club

Arne Moxness, KA9ZPY, Secretary

3345 Newman Road • Racine, WI 53406

RACINE MEGACYCLE CLUB MEETING • MAY 10, 1993

The meeting was called to order at 7:30 p.m. by President Dick, W5ONL. Some thirty hams were present, a few short of a quorum.

The minutes as presented in the *Badger State Smoke Signals* were approved with minor corrections. Dave, WB9ZIO, did a nice job filling in as secretary when the undersigned could not attend. Maybe we can combine the treasurer's job with the secretary's?

The treasurer's report was given by Treasurer Dave, WB9ZIO. New balance is \$595.83.

President Dick, W5ONL, read a letter he wrote to Bill, W9OVZ, where he praised Bill for a super job done presenting the Ham of the Month. Bill apparently liked that letter. Guess who he picked for the next month! Right, he picked Dick!

OLD BUSINESS

Cheryl, WS9P, gave a report on the upcoming event at the Racine lake front, TOYS FOR BIG BOYS. See attached calendar for exact date. It was suggested we use 146.52 simplex for local 2 meter. It may be difficult to reach the repeater at the site.

President Dick, W5ONL, asked for a volunteer to take some pictures which could be used in future BSSS articles.

Even with the nice turn out, we did not have the necessary quorum to vote on the revised By Laws. We will try to get this done at the next few meetings.

NEW BUSINESS

Larry, WA9JMO, reported on the upcoming QCWA sponsored event in Mukwanago May 26, 27 and 28.

Larry also reported on the Russian trip he will take again and the attempt to help them with radios and schedules for the clubs he has worked with.

He also is willing to help with a Novice class this spring. Please contact Larry, WA9JMO, at 639-7327 if you are interested in the program or want to help.

Our Program Chairman, Bruce, K9RRS, then held the program for the evening, a very interesting video showing how to communicate with the many satellites now circling the earth.

The meeting was adjourned at 9:00 p.m., and many members drove to the

HAM CALENDAR

Courtesy Racine
Megacycle Club

May 20, 21, and 22

..... Hamfest at Racine

Jun	5	.....	Testing at Red Cross
Jun	6	.....	Hamfest at Princeton
Jun	7	.....	Packet Group
Jun	12	.....	Fox Hunt
Jun	13	.....	Hamfest at Stevens Point
Jun	13	.....	Hamfest at Willow Springs
Jun	14	.....	Megacycle Meeting
Jun	25	.....	Fox Hunt

Jul	5	.....	Packet Group
Jul	10	.....	Hamfest at Oak Creek
Jul	12	.....	Megacycle Meeting
Jul	23	.....	Fox Hunt
Jul	24	.....	Hamfest at Eau Claire
Jul	27	.....	Lakeshore Club

Aug	2	.....	Packet Group
Aug	8	.....	Hamfest at Peotone
Aug	9	.....	Megacycle Meeting
Aug	20	.....	Fox Hunt

Sep	4	.....	Testing at Red Cross
Sep	4	.....	Fox Hunt
Sep	6	.....	Packet Group
Sep	12	.....	Hamfest at Joliet
Sep	13	.....	Megacycle Meeting
Sep	17	.....	Fox Hunt

Oct	2	.....	Testing at Red Cross
Oct	4	.....	Packet Group
Oct	10	.....	Hamfest at Waukesha
Oct	11	.....	Megacycle Meeting
Oct	15	.....	Fox Hunt
Oct	26	.....	Lakeshore Club

Nov	1	.....	Packet Group
Nov	6	.....	Testing at Red Cross
Nov	7	.....	Hamfest at Kaukauna
Nov	8	.....	Megacycle Meeting
Nov	7	.....	Hamfest at Kaukauna
Nov	12	.....	Fox Hunt
Nov	27	.....	Fox Hunt

Dec	4	.....	Testing at Red Cross
Dec	6	.....	Packet Group
Dec	10	.....	Fox Hunt
Dec	13	.....	Megacycle Meeting

same restaurant for the traditional coffee.

Bruce, K9RRS, said that he has not decided yet what the program will be at the next meeting.

Respectfully submitted:
Arne, KA9ZPY, Club Secretary

Racine Megacycle Club Profiles

By Bill Komistra, W9OVZ, 5101 Graceland Blvd., Racine, WI 53406

Dan Miller, KA9OIL

Let your imagination go wild - I mean *really* wild. Imagine having a complete 1 KW station and appropriate antennas for each operating frequency that you wanted, and then being able to push a button and, before you say "Jack Robinson," being lofted to a height of 250 feet above ground and start working all the DX one would care to work - at your fingertips. LF, MF, VHF, UHF, Giga-F, you name it.

The date and year - May 1, 1893: The World's Columbian Exposition (Chicago World's Fair) started, including the original, and largest ever built, Ferris wheel, 250 feet in diameter, with 36 enclosed cars that carried 60 passengers each. See what I mean? A radio shack (36

of them), complete with all of the above equipment, heat, air conditioning, sleeping quarters, etc. What a setup! This would be the ultimate ham's heaven. Now that I've got you thinking, how wild can you go?

The following is plain, down-to-earth, and the real world. Dan came into this world, with his eyes closed, on August 20, 1952. Had his eyes been open, he may have said, "Good Lord, what am I getting into?" I'm certainly glad he decided to stay.

He was first licensed in 1982, and then upgraded to Amateur Extra Class, with the call of KA9OIL.

Dan's station equipment consists of a Kenwood TS-520, as well as gear for 2 meters, 440 MHz, packet, and the anten-

Please turn to page 16



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WANTED: Please help me find a nice IC-303 or 75A-2 receiver. I am also interested in matching speakers. Joe Eide, B9R. (715) 834-4582, 2623 Clare St., Eau Claire, WI 54703.

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Field Day Photos Wanted!

Badger State Smoke Signals would like to have photos of your club's or group's Field Day operation for publication. Color or black and white pictures are fine. They must be properly exposed and in good focus. Please provide names and calls of all people in the photos, as well as the Field Day call sign used, and the class and location of operation. Send photos to Jim Romelfanger, Editor, BSSS, 412 1/2 Ash Street, Baraboo, WI 53913. Thanks in advance!

Taylor County Area Amateur Radio Club

Bernard Jari, KA9WDX, Secretary

W3159 Hanley Lane • Medford, WI 54451-9689

TAYLOR COUNTY AREA AMATEUR RADIO CLUB MEETING ANNOUNCEMENT

The regular monthly meeting will be held on Thursday, June 3, 1993, at 6 p.m. at the Jaycee Park, located at the corner of North Park Avenue and Allman Streets, north of the City Park in Medford, WI. Note the location and time change. The meeting will be a family affair, and will include a picnic. Don't forget to bring your own food and drink, and possibly a dish to pass around, if you would like to picnic. Talk-in will be on the 147.750-/147.150 repeater, located at the N.T.C. Branch Campus.

TAYLOR COUNTY AREA AMATEUR RADIO CLUB FIELD DAY ANNOUNCEMENT

Field Day this year will run from 1800 UTC Saturday, June 26 until 2100 UTC Sunday, June 27.

According to Field Day rules, Class A and Class B stations who do not begin setup until 1800 UTC Saturday will be allowed to operate the entire Field Day period of 27 hours. Others must begin their setting up of their equipment no earlier than 1800 UTC on Friday, June 25, and may operate no longer than 24 consecutive hours. That is, once you begin operating a transmitter, making on-the-air contacts, then you must stop operating 24 hours after that point, whether or not you had been operating continuously.

The TCAARC has the Jaycee Park reserved for the purpose of operating a Field Day station, from Friday, the 25th to Sunday, the 27th, 1993. The Jaycee Park is located at the intersection of North Park Avenue and Allman Streets, north of the City Park in Medford, WI.

It is unclear at this time as to whether the club will operate "for real," so to speak, or if we will just operate to practice the setting up of equipment, to help other stations get contacts, to have fun, etc., and it is also unclear exactly when we will start setting up. By the time you read this, I am almost sure that these things will have been discussed on our weekly ARES net, held on Wednesday evenings at 8:30 p.m.

See May QST, pages 123 and 124 for info on the Field Day rules, or contact Mike, N9GHZ, for a copy of the rules. If you have packet, you may read the FD rules there, as I have a four-part message containing the rules. Hope to see some of you there.

- Bernard L. Jari, KA9WDX
TCAARC Secretary

MEETING MINUTES MAY 6, 1993

The meeting was called to order by the president, Tom Hrdina, N9GEN, at 7:09 p.m. Present were Henry Peterson, N9QWB, from Owen; Robert Braun, KB9BLV, from Dorchester; Tom Hrdina, N9GEN, from Gad; Mike Schoenfuss, N9GHZ, from Abbotsford; Joanne Lundgren, from Sheldon; and Clifford Steevens, WA9YCT, Lee Markow, N9FZD, Bernard Jari, KA9WDX, Ray Bohnert, W9QHI, and Rolland (Rolly) Sacho, who is waiting for his license to arrive, all from Medford.

The members present wanted to have a synopsis of the last month's meeting minutes read, so since it is "hard" for me to be brief (Ha Ha Ha), the synopsis was given by the president. The synopsis was approved as read.

The treasurer's report was read by the current treasurer, Joanne, N9QVX,

OLD BUSINESS

Lee, N9FZD, stated that he received confirmations for the use of the J.C. Park in Medford for the purposes of holding our June club meeting there, and also for using the site for Field Day. The June meeting/family style picnic will start at 6 p.m. on June 3rd, and the dates we have reserved for the use of the park for Field Day are June 25, 26, and 27. Lee stated that there is a refundable deposit for the use of the park, and mentioned how much the deposit would be. Mike, N9GHZ, makes a motion that we go ahead and issue a check to cover the deposit. Joanne, N9QVX, seconds the motion, and the motion carried.

Mike, N9GHZ, gives a presentation on information he has on 100% duty cycle transmitters for use with repeaters, including cost, features, power output, etc.

Joanne, N9QVX, asked Rolly if the weather service had contacted him to see if we could hold a severe weather spotter's training program any more this year. Rolly stated that they had contacted him, and that they wouldn't be able to do so until next spring.

NEW BUSINESS

One of the repeater transmitters discussed during Mike's, N9GHZ, presentation was the Spectrum Communication 30 and 100 watt repeater transmitter boards. Bob, KB9BLV, club VP, makes a motion to go ahead and purchase the 10 watt SCT110 exciter board, along with the 30 watt BA10 final amplifier board. Mike, N9GHZ, seconds the motion, and the motion carried.

There was a discussion on whether or not we should re-apply for another grant for repeater improvements from the Annmarie Foundation. During the discussion, it was stated that if we do so, that we should have a basic list of what equipment we need, or plan to purchase, why we need it, and that it may be a good idea to give them some idea of what the equipment would/will cost. Mike mentioned that we can apply for the grant yearly, if we would want or need to. He makes a motion that the club go ahead and apply for the grant. It was stated that the worst that could happen is that they would turn us down. Lee, N9FZD, seconds the motion, and the motion carried.

There was a discussion on the Shuttle Amateur Radio Experiment (SAREX). Mike, N9GHZ, mentioned that he had sent an application out in June of last year to see if he could get the Abbotsford school system involved with the SAREX. He stated that he had seen Abbotsford, along with Hudson, on a list of schools that were going to be able to be involved with the SAREX. He also stated that he hasn't heard from them, so just in case they contact him at a later date, for participation at a later date, Mike stated that he wanted to discuss some of the particulars so that we wouldn't have to do everything at the last minute.

Mike, N9GHZ, proposed that the club use the repeater antenna for receiving the shuttle with, and also that we would put up a 440 beam antenna on the side of the tower, and point it toward Abbotsford, to bring the signal down there, and then they could feed the signal into their PA system so that the signal could be heard throughout the school. Lee, N9FZD, makes a motion to accept Mike's proposal that if we are contacted to participate with the SAREX, that we will use the repeater antenna for receiving the shuttle, and that we will mount a 440 antenna on the side of the tower to link to Abbotsford, provided that someone from the club contact N.T.C. first, to get permission to climb part-way up the tower for the purpose of temporarily mounting a 440 antenna for the Medford to Abbotsford link. Bob, KB9BLV, seconds the motion, and the motion carried.

Mike, N9GHZ, asked if the club had

Walty, W9LEE, and also stated that Nancy Hughes, KB9HCS, also had a health problem. Tom, N9GEN, makes a motion to have the club send a get-well card to Rollie, W9LEE. Mike, N9GHZ, seconds the motion to have the club send a get-well card to Nancy, KB9HCS. Lee, W9FZD, seconds the motion, and the motion carried.

Lee, W9FZD, makes a motion to adjourn the meeting. Mike, N9GHZ, seconds the motion, and the motion carried.

The meeting was adjourned at 8:16 p.m.

Secretary's note: Sometime during the meeting, there was an informal discussion on whether or not the list of members who have paid their 1993 dues paid, and those who have their newsletter subscription paid up through 1993, should be put into the June newsletter or not. It was mutually agreed to not have the list(s) put there, as the February newsletter has the dues paid list, and the March newsletter has both of these lists. Please check them out, as if you do not have your subscription to *Badger State Smoke Signals* paid up, you will eventually be dropped from the mailing list, as the club is billed quarterly, but to simplify the records, the club has it set up for the subscriptions to be paid on or around the first of January to cover the entire year. It is requested to avoid being dropped, to have the newsletter subscription paid at least by the end of the first quarter of the year (March).

Respectfully submitted:
Bernard L. Jari, Secretary



Clark and Taylor
County Area
Amateur Radio News

By Mike Schoenfuss, N9GHZ

CONGRATULATIONS TO....

★ Dick Anderson, Abbotsford, who qualified for a Technician Class license at the VE exam session held at Stevens Point on 12/5/92. Dick's license arrived in the mail on February 9th, and his callsign is N9SDY. He received his "First Contact Award" (2 meters), also on February 9th!

★ Larry Slezniak, Greenwood, who passed the Technician (Element 3A) written exam and qualified for a Technician Class license at the VE exam session held

at Marshfield on March 13th. Larry is still awaiting the arrival of his license.

★ Roland Sacho and Lester Laub, both of Medford, who passed the Novice (Element 2) written exam on April 5th at Medford. They were students in an Amateur Radio license course taught by N9GHZ.

★ The following, all from Medford, who all earned their Novice Class licenses on April 26th at Medford: Marty Werner (age 14); Jeff Henline (age 13); Valerie Hamm; Julia Prihoda; Kurt Henline; Neal Zuleger; and Larry Williams. Also, on this same date in Medford, Aaron Williams (age 13) of Medford passed his 5 WPM (Element 1A) Morse code receiving test. All of the above individuals were students in an Amateur Radio license course taught by N9GHZ.

★ The following area residents who received upgrades at the VE exam session held at Medford on May 1st: Marty Werner (age 14), Medford, Novice to Technician w/HF; Roland Sacho, Medford, no license to Technician (Note: Rollie is the Taylor County Emergency Government Coordinator); Lester Laub, Medford, no license to Technician; Cliff Steevens, WA9YCT, Medford, General to Advanced; Kurt Henline, Medford, Novice to Technician w/HF; and Scott Baselt, Sheldon, no license to Technician.

★ Jessica Winzenried, KB9AMX, Colby, a student at Colby High School, who earned a silver medal at the State Forensics Competition held in Madison on April 23rd. She began the year at sub-district, completing three rounds of competition. She then participated in the District-level contests, again with three rounds of competition. Jessica is the daughter of Marc Winzenried, WA9ZCO.

OTHER NEWS

Mike Schoenfuss, N9GHZ, Abbotsford, now has his Volunteer Examiner accreditation from the ARRL/VEC. Other Taylor County Area Amateur Radio Club members with VE accreditations are: Jack Pagel, NZ9U, Dorchester; Tom Hrdina, N9GEN, Medford; Ray Gajda, N9IDW, Lublin; and Bill Steiner, WD9C, Medford.

On 3/19/93, it was reported that the Marshfield, WI Police Department recovered (confiscated) two (2) Amateur Radio transceivers: (1) a Realistic HTX-100, and (2) a Kenwood TM-2550A. If you have had a radio such as this stolen recently, or know of someone who has, they probably should get in touch with the Marshfield PD as soon as possible. □

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Mancorad Radio Club

John Meyer, N29Z, Secretary

P.O. Box 204 • Manitowoc, WI 54221-0204

MEETING MINUTES MAY 12, 1993

The May meeting of the ManCoRad Club was called to order at 7:30 p.m. by Chuck, N9KGL, club president. The treasurer's report was accepted as read by Janice, N9IQZ, and the minutes of the April meeting were accepted as printed in the *Smoke Signals*.

Janice detailed the results of the hamfest. All-100+ tables were sold and there were approximately 450 admissions. All in all, a great success. Vice President Red, N9GHE, congratulated all who were involved in making it such.

OLD BUSINESS

Committee membership was updated by President Chuck -- help is still needed on several committees, including the committee updating the club constitution and bylaws.

On the matter of club events, Chuck stated that this year, ManCoRad will not be participating in Field Day nor sponsoring the Cobia submarine special event station unless people can be found to coordinate the events. Past coordinators for Field Day, John, N29Z, and the Cobia

event, Chuck, N9KGL, pledged to work with the new coordinators, whoever they may be.

The Manitowoc chapter of the EAA would also like the club to help out again at their June fly-in with communications. Once more, a coordinator is needed. (Remember, this is YOUR club -- it will only be as good as YOU help to make it!)

Chuck noted that the club has received a down payment on the three spare 6-By vehicles, with payment in full and removal of the vehicles due within 30 days. Red made a motion, seconded by Ken, WB9-OBX, to place ads for the good 6-By communications vehicle in the *Milwaukee Journal* and the *Green Bay Press-Gazette*. The motion passed.

Your secretary updated the club on news from our informal "sister club" at St. Joseph's College in Sri Lanka. A total of seventeen students were due to sit for their amateur exams at the Sri Lankan Telecommunications Offices on April 23rd and 24th. (Due to current poor propagation, no news concerning the results are yet available.) Also, the school principal has set aside two rooms for the fledgling club, one for the laboratory, and the second, under the clocktower, for the hamshack (the tower should be great for antennas!) John's

contact in the U.K., an "Old Joe" (or alumnus of St. Joe's) further said that a station license has been granted to the club and that the alumni are seeing to the outfitting of the lab with the necessary electrical outlets, work stations and tools, such as vices, soldering guns, drills, etc.

The club already has a rig, an old Drake B-Line from a local silent key, but they need to retube it. Your secretary proposed that the ManCoRad club help out by sending a set of replacement tubes to Sri Lanka, especially since tubes are cheaper here than most anywhere else, including the U.K. Red made a motion that ManCoRad purchase tubes for the Drake rig and send them to St. Joseph's. Carl, KA9ZTF, seconded the motion, and it passed unanimously.

NEW BUSINESS

Dave, KJ9I, proposed the idea of mini-workshops, mini-tours so to speak, at local hamshacks for new hams to get an idea of various aspects of the hobby. For instance, there could be visits to hams that specialize in SSTV, or RTTY, or satellite tracking. Carl suggested having open houses at local hamshacks on certain dates. All agreed it was a good idea.

Chuck, W9BZU, suggested that the club's Operations Director get the ManCoRad nets, both HF and 2 Meter, in the *ARRL Net Directory*, as well as schedule Net Controls for the weekly nets.

Next, a brief videotape from the Highway Dept. was shown outlining procedures for Adopt-A-Highway cleanup crews. We will schedule the first of the three cleanups just as soon as the Highway Dept. gets the

signs up for us to attach our "People Working" signs to. (Anyone not at the meeting who would like to help out, please contact John, N29Z, at 732-4517.)

Carl made suggestions for possible informal summer meetings, including a trip to the Point Beach Nuclear Plant (probably the July meeting) and a trout boil (probably August). (NB: Carl's last trout boil for the club, two summers ago, was acclaimed by all who attended!) Since no events are currently scheduled, there will be no formal meetings during the summer (and your secretary gets a break from writing the Minutes! Hi!)

Yogi, WN9Q, who along with Dave is in charge of programs for club meetings, is looking into several videotapes from CQ for meetings next fall, including amateur satellites and packet.

A motion to adjourn was made by Red and was seconded simultaneously by Ron, WS9X, and Tom, KB9GRC. The meeting adjourned at 8:40 p.m. A lunch was served afterwards.

Submitted for approval:
John R. Meyer, N29Z, Secretary

Stories, Photos Wanted

Radio amateurs are doing interesting things all the time. If you or an amateur you know are working on an interesting project, tell our readers in a story! A photo or two adds even more interest. Send them to Jim Romelfanger, K9ZZ, Editor, 412 1/2 Ash Street, Baraboo, WI 53913.

Sheboygan County Amateur Radio Club

Steve Meifert, KF9KZ, Secretary

1525 New Jersey Avenue • Sheboygan, WI 53081

The May 11, 1993 meeting of the Sheboygan County Amateur Radio Club was called to order at 7 p.m. by President Chad Christianson, N9HMR.

The minutes from April were read by Steve, KF9KZ, and the treasurer's report was given by Luiz, KA9HUF.

We were pleased to welcome a new member to the club. Steve Billings, N9???, had recently moved to the area and is awaiting his new call sign.

Net Control Operators were solicited for our 7 p.m., Monday evening net on 147.06+ (PL 107.2). Check in!

COMMITTEE REPORTS

There was no report from the Technical Committee.

This year's Field Day activities will be held at Taylor Park (Erie Ave. and Taylor Dr.), on June 26th & 27th. There will be a Field Day meeting following the May 25th Board meeting. Dave Bahr, KB9GHE, has volunteered to serve as control operator for the club's hf Novice/Tech station.

OLD BUSINESS

The annual computer fair was held at the Mead Public Library on May 1st. According to Al, NF9R, the event went well.

NEW BUSINESS

ATTENTION! THE JUNE MEETING WILL BE HELD ON JUNE 26, AT 9 A.M. ON THE FIELD DAY GROUNDS AT TAYLOR PARK. BE THERE.

Nominations have been CLOSED and officers will be elected at the June meeting.

DUES ARE DUE. To ensure uninterrupted service of *Badger State Smoke Signals*, please have your dues in on time.

A motion was made by Jim, WA9-SNU, and unanimously passed to offer club membership at a reduced rate for students under 18 years old. Annual club dues will be \$10 for students under 18 years old and will include all club privi-

leges.

A motion to raise the first year entry level dues from \$5 to \$10 was passed.

Dues for new members other than entry level will be prorated as follows: June through December, \$15; January through May \$10; This is for NEW members only.

The annual Bike Ride Plus will be held on May 15th. Volunteers were enlisted to provide communication along the course.

As I am writing this, Kurt Diedring, WB9GLB, and his wife Louise have since left for their new home in Colorado. Before leaving, Kurt donated his TA-33 Triband Yagi to the club. It was decided by the membership that in recognition for his years of service to the club, we will send him one year of *Badger State Smoke Signals*. If you would like to contact Kurt and Louise their new address is: Kurt & Louise Diedring, P.O. Box 2071, Pagosa Springs, CO 81147-2071

On August 29th the club will be selling brats at Woodlake in Kohler to raise funds. Penny, N9TCF, needs help. She can't do it alone. More details will be made available so please keep that date open. Come out and help fry! If you can't work, just bring your appetite, and a few friends.

Penny, N9TCF, is also checking into ARRL Special Service Club Affiliation. If you do not belong to the ARRL I would encourage you to join today. The benefits are too numerous to mention here but we need to support our National Organization to keep our voices heard in Washington.

The Club's Activity Award is presented monthly to the Member who has shown proof of the most number of contacts for the preceding month. Bring your log to each meeting for verification. If you have any questions see Penny, KB9BJM.

The Independence Day parade in Sheboygan will be held on July 5th. Volunteers will be needed. More on this in June.

The Holland Fest parade will be held on July 31st in Cedar Grove. We still need

Racine Megacycle Club Profiles

Continued from page 14



Dan Miller, KA9OIL, left, presents the 1992 Fox Hunt Competition trophy to Dave, KC9NG.

nas that go with them.

His *modus operandi* is both CW and phone. I've never heard Dan on CW, so I'm not sure whether he uses his left or right foot.

He has a good start on awards and certificates, and is working on DXCC and 10-10, but not much else. Should we build a fire under Dan?

His construction projects include fox hunting equipment, Heathkits, and antennas. He is a force to contend with when it comes to transmitter hunting.

His interest in radio started in 1975 and, with the help of his sister's boyfriend, Bill, N9AP, who pointed him in the direction of ham radio, received his license in 1982.

Dan has been a member of the Racine Megacycle Club since 1982, and Lakeshore Repeater since 1983. He is also president of LSR.

He brings home the pots of beans as an insurance salesman for the Prudential Company.

A memorable ham experience happened in 1992, during the RTTY contest, when the group he was with took first

place in Illinois for his class (multi-op, low power) and, to his surprise, second place in North America. He was chosen Ham of the Year in 1990 by the local radio clubs.

When it comes to relaxing, only two words describe it - Fox Hunting: a great way to unwind, have fun, get outdoors, and meet with other people for coffee and pizza afterwards.

Other interests include golf, pool (not sure if he means billiards or swimming pool), and horseback riding.

There is another ham in the family, his wife, Gail, KE9SW.

In closing, the World's Columbian Exposition closed on October 31, 1893. Most of the buildings burned to the ground on July 5, 1894. The fair's one permanent building, the Palace of Fine Arts, survives as Chicago's Museum of Science and Industry.

When you next meet Dan, ask him when the next fox hunt is, and wish him many more of them. He certainly is a respected member of the local radio clubs. □



WB9QFW 2-Meter Repeater 146.07-.67 and Club Station

P. O. Box 847 • Plover, WI 54467

MEETING MINUTES MAY 12, 1993

Our guest tonight was Jay Rievenstal from the Portage County Ranger Station. He was visiting with us to talk about how we have helped with communication during serious fires in the past, and to thank us for our work.

Our primary function would probably be to provide communication links between the command post and various other areas. Jay said he would be contacting us by phone if they needed our help. However, if you hear about an uncontrolled fire that is lasting more than a day, better hope your batteries are charged up because that is the kind of situation they would need us for.

Continuing in the spirit of "Life is short so eat dessert first," we watched an interesting videotape from TenTec. This was their first attempt at video, and they would like to hear from us about our reactions. It featured a fascinating tour of the TenTec factory in Tennessee, and a description of their new Omni VI.

Then to the business portion of the meeting.

The Secretary passed around copies of the comments turned in at the last meeting about what we all thought our club should be doing. They came in four broad categories: Colleague assistance, emergency communications, public relations, and a collection of specific activities.

One popular suggestion was to organize Elmers to contact the newer hams in the neighborhood and help them get on the air. To help in this effort, the secretary will bring along a list to the next meeting of all the people who have recently passed exams. Club members will be free to select any of these people to see if they can get them on the air. At least to help them visit the club station and help them make a contact or two. Remember your first contact? Want to help someone else through this terrifying experience? Nuff said.

There were a lot of ideas in the suggestions. Please come back prepared to discuss these ideas at the next couple of club meetings.

Dave Olson, N9JQU, reminded us about the Wisconsin Summer Special Olympics coming to town June 10-12. Volunteer orientation meetings will be on Monday and Tuesday, June 7-8. You should try to get to one of these meetings if you can: you will learn more about the people involved and how things will work. But even if you can't make it to these meetings, feel free to come by the Games and help out. We will be on the 146.670 repeater for the most part. Contact Dave or Joe Mangal KA9TTU or Joe Larson N9JW for more information.

Art Wysocki, N9BCA, went over his checklist for the June 13 swapfest. He will be looking for volunteers to be at the UWSP University Center at 0600 to help the vendors unload. Talk-in will be on 146.670.

Mike Pagel, KA9LAQ, reviewed the Field Day plans. He will have a sign-up sheet at the next meeting so we can indicate when we would like to be there, so be ready to tell him what you think. Gee Mike, I'd LIKE to be there all the time, but my XYL (WB9WWS) might have a few words to say about that.

Paul Nelles, K9DB, reminded us that Dream Flight Wausau was going on this week. This represents a tremendous effort by many Wausau amateurs. It is being televised by amateur TV, and the feed is being carried on the Wausau public access cable channel. Ham radio use is expanding in this program: they recently linked the Wausau and the Watertown repeaters for a "mission" between the schools.

We do not know what our meeting

room number will be for the June 9 meeting, but we know there will be a lot to talk about. Check for talk-in on 146.985 or 146.670, and check the Monday night ARES net for announcements.

ATTENDANCE

Joe Larson	N9JW
Dave Olson	N9JQU
Doc Rifleman	WA9N
Bob Baird	W9NN
John Feltz	KA9LWJ
Lori Jasper	KA9ZGD
Frank Podach	N9JQR
Mike Peters	W9GHY
Leo Liebl	W9NYS
Steve Kochanowski	KB9IIE
Ken Slusarski	N9SDW
Adam Slusarski	
Mike Pagel	KA9LAQ
Joe Omernik	N9CGV
Jim Benak	KA9ACE
Mary Eiden	KA9FAS
Gene Kroll	KE9MA
Deb Kroll	N9EIL
Mike Eiden	WD9JID
Loren Larson	N9SEA
Art Wysocki	N9BCA
Mike Urban	KB9GXV
John Kalina	KA9DJA
Frank Guth	W9BCC
Paul Nelles	K9DB

Respectfully submitted:
Joe Larson, N9JW
CWRA Club Secretary

Northern Wisconsin Radio Club

- Since 1923 -

Steve Hart, KA9OMC, Secretary

Route 1, Box 54 • Knapp, WI 54749

Greetings, NWRC members and guests.

The last meeting of NWRC was held on April 27. Twenty people were in attendance, with all three officers present.

OLD BUSINESS

Vice-President Cory, AA9GB, reported that the local cable channel 31 was not public access, and a request was made of N9HME, Dan, to check on Eau Claire's public access to promote club activities.

I (KA9OMC) informed the club it was necessary to cancel the Don's Super Value food stand fund-raiser that was scheduled for May 5, 6, and 7 due to a lack of volunteers. Our thanks to those who did volunteer.

Doug Farrell has offered to take over the project of locating information on caps, jackets, and badge pins from N9SPL, Darrel. Darrel has been extra busy helping his mother recover from health problems.

N9HME, Dan, reported no response from the Eau Claire club regarding hosting of Field Day.

Balance was \$545.62.

NEW BUSINESS

A reminder about the HAZMAT (hazardous materials) drill scheduled for May 8 in Boyceville was given. Some additional volunteers would be helpful.

WD9IJJ, Don, asked if anyone had articles or information regarding the use of the word "refarming" as it applies to reassignment of the radio spectrum.

President Erik, N9KIP, suggested that we try to have a fox hunt this summer, and also hold a picnic. Erik also suggested that we might consider having Field Day at his grandfather's farm near Menomonie.

Some discussion followed regarding the fall food stand fund-raiser at Lammer's and the idea of sharing time with the local 4-H group. I (KA9OMC) informed the club that for NWRC to sponsor any shared group or on behalf of another club, that they must demonstrate liability insurance.

N9QWI, Mary Martinson, from Eau Claire, has joined NWRC, and is going to try for her ticket. Good luck, and welcome.

K0DL, Don, has renewed his ARRL membership through NWRC. Thank you,

The club received notice from W9-ZBY, Bud, at Cumberland, that he is getting better after some health problems, and that he will be donating some items to the club for a fund raiser.

NQ9X, Ed, at Whitehall, is back home from his surgery at Madison. Nice to have Ed back on the air.

WA9CCB, Louis, at Durand, escaped with his life from Florida and a tidal wave that destroyed his winter palace. Welcome back.

Greetings also to K9FIF, Lester, at Nelson, and KC4VXO, Gene, at Menomonie.

Following the meeting, a talk was given by Michael Champion from CelluLink of Menomonie. Mike discussed the nature of the Cell business he operates and maintenance of 15 sites. Topics regarding the expansion and affordability of cell phone were covered. Mike has invited us to take a tour of the site north of Menomonie some time this summer. The club presented Mike with two meal certificates for the Peppermill in appreciation for his presentation.

The club regrets the passing of member WU8I, Doris Kilanski, from Boyceville. Doris was active in Amateur Radio and was one of our club's regular exam volunteers at Menomonie. Besides radio, Doris was a pilot, and also sponsored quilting classes locally. Our hobby and community is much better for her contributions.

Since the meeting, the club has resolved to have Field Day southeast of Menomonie. Directions are 9th Street to County Y. Watch for signs.

The club is looking into renting a tent and a 2500 watt generator has been arranged for the exercise. Camping is available. Bring what you need. Please, no alcohol. Field Day is June 26 and 27.

The next meeting of NWRC is at Wakanda Park on the far east end. A picnic is planned. Bring what you need and a dish to pass. Picnic time is 7:30 p.m. If it should be bad weather, we will be at the Peppermill Restaurant in the Thunderbird Mall. Directions to the park are: 94 east to Menomonie, take highway 25 south to Pine Avenue (left at Hardee's), continue east to the park. Picnic date is June 22.

Eau Claire Amateur Radio Club

J. Brennan Fitzl, N9LIJ, Secretary

1418 Altoona Avenue • Eau Claire, WI 54701

MEETING MINUTES MAY 11, 1993

The meeting was called to order at 1937 local time by President Bill Jablonske (W9NNS). The minutes of the April meeting were read by Secretary Jim Fitzl (N9LIJ), and were accepted after some discussion of the exact duties of repeater committee.

Sue Eide (KB9EUP) read the treasurer's report, which was accepted by the membership.

The secretary then read a notice from the E.F. Johnson Company in reference to a special event station and an announcement concerning the Northwoods Hamfest.

Members and guests were then introduced.

OLD BUSINESS

Repeater cards: These are still not ready. We are awaiting a list of commands for the repeaters to include.

Leroy (N9RSU) brought a sample of repeater cards from another club for consideration as to size, format, etc. There was also some discussion of whether to include the speed-dial numbers on the repeater, and Mike (N9JMA) asked about other features of the K9UXP repeater which could be implemented. Joe (KB9R) said that there is an S-meter feature which we could use, except that the repeater does not have the requisite circuitry installed.

KA9ELD repeater controller: The repeater committee needs more time to examine the situation.

Field Day: N9JMA asked about combining Field Day with a demonstration at some public location to introduce people to ham radio. N9JMA, N9HME, and

N9LIJ will look into this possibility. Terry (N9QXG) also mentioned the possibility of using packet.

Hamfest: W9NNS called for commitment on setup and take-down for the hamfest. A sign-up sheet for various duties at the hamfest was passed around to the members. The possibility of renting a trailer or truck for hauling tables was again discussed. The club consensus is that this is a good idea and should be done. Jim (N9SPM) volunteered to move the club trailer to the hamfest site.

A spirited discussion of the raffle procedure followed. The motion was made and seconded to use the same ticket for admission and the raffle, and allow the opportunity to purchase extra tickets for more chances in the raffle.

W9NNS called for volunteers to obtain donations from various sources for door prizes. He will also take charge of printing the tickets.

Lunch committee for next meeting will be KB9EUP and Carol Ceraso (call pending).

A short recess was taken for refreshments prior to a highly interesting presentation to the club by Kurt Bushman, a local elementary teacher. He outlined his plans for a project similar to one staged by another Wisconsin school district involving a space shuttle simulation. Mr. Bushman asked the club for assistance in training students for obtaining their Amateur Radio licenses for the project. He also presented a video on the project after which his is patterned.

The meeting was adjourned at 2140 local time.

Respectfully submitted:
J. Brennan Fitzl (N9LIJ), Secretary

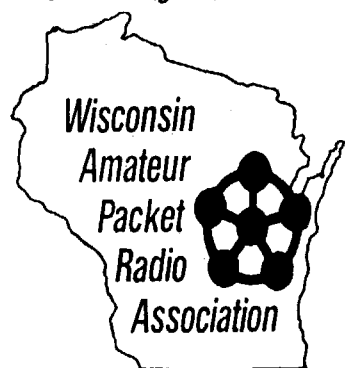
Sheboygan County Amateur Radio Club

Continued from page 16

a trailer if we are going to enter a float. The deadline is fast approaching so if you know of ANYTHING available please give a call to Penny, N9TCF. Help will be needed in construction of the float and also the usual volunteers at the parade site.

p.m. (To tell you the truth I don't know what time the meeting was adjourned, but this is what I had written down from last month, and it works for me.)

Respectfully Submitted,
Steve Meifert,



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association (WAPR)

William Schroeder, W9ZBD
4247 Forest Point Drive • Rhinelander, WI 54501

Steve Loeffler, WB9ZRE, Editor, 123 W. Oshkosh St., Ripon, WI 54971

JUNE MEETING AND ELECTIONS

Wisconsin Amateur Packet Radio
University Center
June 13 (Sunday)
Stevens Point Swapfest

The Stevens Point ARC is again sponsoring the general meeting of the Wisconsin Packet Radio Association. Start thinking now about a slate of officers. An agenda will be announced soon.

The northern half of Wisconsin has suffered serious losses in nodes due to the heavy spring snows and failure of three Ringo Ranger 6 meter antennas at node sights. In all, we lost three antennas and 6 radios in less than 4 weeks! Almost everything has been replaced, but at a lot of personal effort and cost. The network is functioning except for some apparent weakness observed in the last week at Timms' Hill. Replacement and repair will happen as possible.

There will be a new triple node (LAN on 145.69, 6 meter backbone on 50.74, and a 440 link to upper Michigan) which is planned for the middle of July on the WXPB radio tower at Sugar Camp near Rhinelander. Preparations are already underway since a successful meeting of KV9P Dave Reinhart of Alpha MI and W9NNS Bill Jablonske of WAPR with station manager Mick Fiocchi and engineer Elmer Goetsch.

General supervisor for the project is WB9JGE Dave. Local support for the node LAN equipment is presently being sought. WAPR will supply the 6 meter backbone, feedline, fittings and power.

Look for an agenda to be published soon and thanks for your support. We hear the voices who want written receipt of dues paid. We also need more helping hands: how about letting us know how you can help. We have gotten lotsa good advice on how we can improve. Let's work together!

Ideas and questions to W9NNS @ W9NNS.#CFL.WI or members of the committee.

WAPR MEETING AGENDA

GENERAL MEETING AND ELECTION OF OFFICERS

The meeting will be called to order at 10:00 a.m.

The minutes of the last meeting will be read.

The financial report will be read.

Old Business.

Discuss complaints about membership renewals not being acknowledged.

PacketCluster discussion, with possible presentation by Scott Jasper, NE9U.

Networking discussion.

Discuss possible membership campaign.

Presentation by Joel Papke, N9BQM. Packet map of Wisconsin.

Discuss fund raising. How do we finance the network.

Open Forum

Minutes: 3/20/93 WAPR Meeting

What follows is a curt summary of the proceedings of the Wisconsin Packet Radio Association meeting in Wisconsin Rapids, on March 20, 1993.

The meeting was called to order by Bill Jablonske at 9:30 AM at Forster's Restaurant. In the absence of the Secretary the minutes were

not read. Balance in the treasury, after an outstanding bill to be paid in April is \$354.00. Details of the expenses will be available to the members at the June meeting in Stevens Point.

Following extensive discussion of the problems presented to sysops and the system by Packet Cluster operations, we voted unanimously that:

A. It is agreed that several sysops will monitor the patterns of activity and list associated problems. Final decisions about allowing access to our system will be made at the June meeting. At this time it was commonly acknowledged that Packet Cluster operations caused serious and unacceptable degradation to the backbone and LAN systems in place, especially in Central Wisconsin but was common in other locations also, that the Cluster people have operated without "advice or consent" and have not accepted either the nationally adopted bandplans nor our invitations to discuss this matter. Further, after WIBFD was moved leaving us no alternative forwarding options, an attempt made by KA9EOK and KB9AMY to late-night forwarding to keep the BBS system alive. This was met with deliberate interference and a request to stop even this temporary effort.

A. We will switch to TheNet 2.10 firmware on the backbone systems and TheNet 2.08B on the LANS. Each sysop is invited to make the move at this time. If you want a chip burned contact Bill Jablonske W9NNS, Bob Martin KA9EOK or Joel Eschmann K9MLD.

1. TN210 does not allow anyone to digi to or through the node.

2. Both versions can now disallow user connects to the node.

3. TN210 has a budcall feature to stop access by selected stations.

C. We further agreed to ask all sysop's to set the Minimum Quality for Update to 144 on all nodes. We need to stop creating and propagating large node lists.

D. Unanimous approval was also given to the following:

1. The password on each backbone node shall be given to WAPR so that the system manager can, after consulting with a nodes sysop, reset any

value according to policy developing in this organization. Each sysop is asked to send his/her password to Joel Eschmann at this time.

2. Accordingly backbone and network nodes must run full-time and conform to policy established by a vote of this organization. All NODES must be publicly located (NOT at some home base) and publicly and always available. We are especially opposed to occasional and irregular operation of nodes.

Chairman Bill Jablonske announced a gift of 13 General Electric Mastr II 100 watt six meter solid state radios to WAPR for the Backbone/LANS. The serial numbers have been recorded and sent to the secretary. The executive committee is allowed, after consulting among themselves, to trade these (some) radios for others needed by a particular area of operation.

Kent Helman W9LZQ reported on progress with the 9600 baud 220 link from Nodine to Hillsboro and 9600 baud 440 link from Hillsboro to Lodi. WAPR has 2 440 GE MASTR II 120 watt radios available for conversion. Both WAPR money and WANA funds will complete the system. Kent is in charge of this effort.

Plans are underway to place a tri-band vertical on a commercial tower near Rhinelander and place a 6 meter node, and a 440 node to the Upper Peninsula, and a local 2 meter LAN node in operation there in the near future.

A new packet node funded by the Duluth Minnesota radio (ARAC) club has been placed in operation on 145.01 at Solon Springs. WAPR was not consulted. It seems at this point to be open to all users.

The Rice Lake node WIRIE is no longer operational. It has been replaced by WIRLK:KB9DFE-2 at the same site. Hayward's node WIHYR:KD9FC-1 is back on the air after almost a year's absence operating on the NWLAN 145.69. A node will soon be placed on Timm's Hill by KA9EOK. It will be hard-wired to the backbone six meter node #TIM6. Final plans depend on the outcome of a discussion between WAPR officers and Dave Rhinehart KV9P, packet coordinator for upper Michigan and other interested persons.

WICORN:KB9AMY-2 has gone into service at Cornucopia west of Bayfield on 145.01 following removal of WIBFD:WOBNG-1 from 145.01 to 145.07 for Packet Cluster operation. The situation in

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the north is unsettled since the decision of Cluster members to use 4 two meter frequencies near Duluth including 145.01 and simplex 147.525 as full-time Cluster operation frequencies. A new Tower site was obtained this week and will have a tri-band Comet vertical for 3 backbone and LAN orientated nodes to operate soon.

Three six meter nodes to extend the WAPR backbone will be placed in operation at and north of Park Falls on a secondary frequency to link to Duluth and eventually to BBS KBOBK and on into the Iron Range to Thunder Bay, Canada..

The six meter backbone recently suffered two serious shut-downs due to antenna failure. Two Cushcraft Ringo Ranger six meter antennas completely fell apart at remote sites, and while operating, blew the transistor finals. Those failed nodes are at Chippewa Falls #CFL6:WD9HFT-6 and Meteor Hill #MET6:W9NNS-6. Both radios are now on K9MLD's workbench and should be back in service shortly after Easter. #CFL6 will become #HOL6:N9QVY-6 and will be located closer to Timm's Hill atop Holcombe Hill near Ladysmith.

All the members present gave a "well done" to Joel Eschmann for his monumental efforts at converting node radios and his guidance in the development of the backbone. (Great Applause) K9MLD played a pivotal role in getting a new radio for the Green Lake node which was eliminated by lightning several months ago. He also ran a little workshop after the meeting to show sysops how to tune the GE node radios to be sure they are exactly on frequency after one year of heavy service!

Lacking representatives from some areas our report may not be up-to-date with every development in the state. All additions are gladly anticipated.!

Respectfully submitted, William Jablonske
/for/Bill Schroeder, sec.

WAPR MEMBERSHIP RENEWALS ARE DUE

We have again reached that time of the year when your WAPR memberships expire. All WAPR memberships begin on July 1 and have a common expiration date of June 30. You can renew your membership at the above Stevens Point meeting, or fill in the application/renewal blank (or any reasonable copy) on the preceeding page and send to the Secretary/Treasurer.

When you renew your WAPR membership, your Badger State Smoke Signals with the Wisconsin Packeteer will continue to come your way each month for another year. If you do not renew, you will receive a polite letter from BSSS informing you that your last copy has been mailed to you.

So please renew promptly, to save us all time and postage and insure that you continue to receive BSSS/Packeteer each month.

QCWA WISCONSIN CHAPTER 55
SATURDAY, JUNE 12, 1993

Spring meeting and dinner at Fischer's Supper Club, Highway 12, Lake Delton, WI.

The dinner will feature fish, ham, beef and chicken. The cost will be \$11.00 per person. Please notify Mark, W9OP at (414) 722-4034 or on Sunday's net, 3.985 Mhz. at 8:30 a.m.

A special presentation by KN9P and W9OP - DX-pedition to corn Is., Nicaragua.

A meeting and an auction for the men and bingo for the ladies will follow the dinner.

W9KRM & KN9P invite anyone interested in golf to join them at 8:00 a.m. Saturday. Contact them on the net for tee times.

WN2SQC - Civil War Information

Those of us who remember our high school history recall what was taught regarding the end of the Civil War. Remember, in many parts of the country where the sun shines regularly this was called the war between the states.

Well friend, the end of the Civil War was actually this way. After chasing the Union Army all over the south, the exhausted Confederates pulled up to Appomattox, planning to wipe out the Yankees, march into Washington and raise the

Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call) • K9ODK (Robert L. Prine Memorial Call)



Raymond J. Matlosz, N9MLZ, Secretary

450 West 2nd Street • Reedsburg, WI 53959



Yellow Thunder Amateur Radio Club
Minutes and announcements!!!
May 12, 1993 meeting.

The meeting was called to order by Vice President, Bill Klinkner, N9KXX. The President was absent due to his birthday. (HAPPY BIRTHDAY, BOB, W19Q.)

OLD BUSINESS:

The Boy Scout Circus Heritage Days equipment display was talked about and workers volunteered to man the display. We will have working HF, Packet, and 2 meters on display along with some antennas.

Field Day was discussed, dates are June 26 & 27 at Owen Park in the Baraboo bluffs. New this year is a family and friends picnic at the Field Day site Saturday afternoon and evening. More information below.

We are also looking into a club banner to have at these special events to display the club name. Vinyl is being considered as it is water proof. Does it rain at Field Day?

The next meeting of the YTARC will be June 17, 1993, at 7:30 p.m. at the Baraboo Civic Center. The program will be on Field Day preparation and paperwork.

BOY SCOUT REPORT: WENT EXCELLENT!!! Good turnout of Hams and equipment for a good display. Thank you for your help and equipment. HF rig and packet rig by Art, W9WSS. Worked the Michigan QSO Party on 40 meters. The packet demo was very good. 2 meters and many HIs by members were present. NEW THIS YEAR... ATV by Jim Paul, N9LKY. It was great!! Many thanks to the hams that we made contact with.

FIELD DAY PICNIC: Owen Park, Saturday, June 26, afternoon and early evening. Club will provide refreshments, and charcoal for the grills. Bring your food to grill and eat, also you chairs are needed. See the Field operation in action. Open to family and friends. Be sure to check into the 2 meter FM simplex station on 146.52 MHz.

NEW GROUP NOW BEING FORMED: BARABOO-SAUK REPEATER GROUP. Working on getting 2 meter and 440 machine up in the area for local coverage. Informational meeting to be held June 17, 1993 at 7:00 p.m. at the Baraboo Civic Center.

Respectfully submitted by
Bill Klinkner, N9KXX

Stars and Bars over the White House.

Now General Lee was resting in the Appomattox Courthouse when in walked General Grant ready to surrender. General Lee took the unimpressive Union General for an orderly and gave him his sword to polish. Astonished, Grant took the sword thinking General Lee had surrendered.

Not wanting to embarrass General Grant for making such an obvious blunder, Lee let the incident pass without comment. So there you have it the history books are all wrong.

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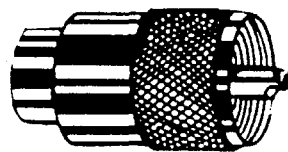
JUNE 6, PRINCETON, IL

JUNE 13TH, STEVENS POINT, WI

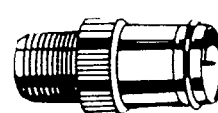
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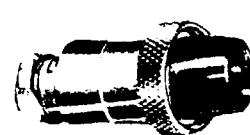
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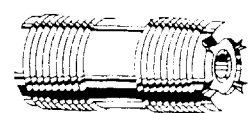
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Dan Vanevenhoven, N9LVS
2410 E. Newberry Ct.
Appleton, WI 54915
414-739-5101

EXAM INFO:

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15th Annual

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July 24, 1993 • 7:30 a.m. - 2 p.m.

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Kettle Moraine Radio Amateurs

SWAPFEST

Sunday, October 10, 1993

Waukesha County Expo Center

Info: KMRA Swapfest P.O. Box 411
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Northern Wisconsin Radio Club

AUCTION

February 22, 1994 • 7:00 p.m.

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